

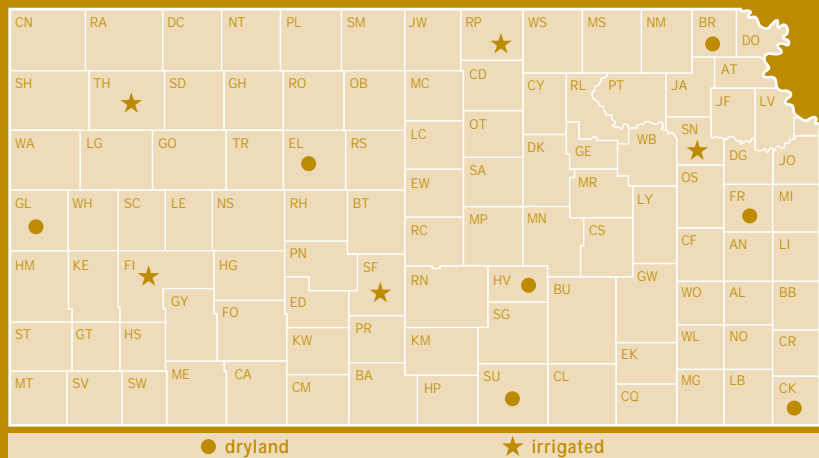
# 2000

KANSAS PERFORMANCE TESTS WITH

# SOYBEAN VARIETIES

REPORT OF PROGRESS 869

Kansas State University  
Agricultural Experiment Station  
and Cooperative Extension Service



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## 2000 KANSAS SOYBEAN PERFORMANCE TESTS

### INTRODUCTION

#### TEST OBJECTIVES AND PROCEDURES

Soybean performance tests are conducted each year to provide information on the relative performance of new and established varieties and brands at several locations in Kansas.

Seeds for tests are from certified growers, agricultural experiment stations, and private seed companies (Table 1). Seed quality, including such factors as purity and germination, can be important in determining the performance of a variety. Soybean seed used for public and private entries in the Kansas Crop Performance Tests is prepared professionally and usually meets or exceeds Kansas Crop Improvement Certification standards. Relative performance of a given variety comparable to that obtained in these tests is best assured under similar environmental conditions and cultural practices and with the use of certified or professionally prepared seed. All companies known to be developing and marketing soybean varieties or brands are invited to submit test seed; interested companies enter on a voluntary, fee-entry basis.

Companies were invited to enter Roundup-resistant varieties either in the standard trials or in separate Roundup trials. A few non-Roundup-resistant varieties, which received standard herbicides, were included in most of these separate trials as checks. Most of the Roundup-resistant varieties were entered in the Roundup tests, but several also were entered in the standard tests. An asterisk \* following the entry name is used to identify Roundup-resistant entries in the tables.

Entries were planted in four-row plots with rows 30 inches apart, except in the Ellis

County test where row width was 24 inches, and replicated three or four times each. Seeding rate ranged from seven to 12 seeds per foot of row. The center two or three rows of each plot were harvested for yield. Harvested row lengths ranged from 14 to 30 feet, depending on location. Cultural practices used and rainfall received at each test location are given in Table 2. Results from this year's tests are presented in Tables 3 through 23. Relative yields of each entry from all locations are shown in Table 24. Results of the tests also can be found at the Kansas crop performance tests' home page: <http://www.ksu.edu/kscpt>.

For the past several years, Experiment Station personnel have conducted trials to evaluate the performance of soybean varieties when grown in soil infested with soybean cyst nematode (SCN). A summary of results for the past 4 years is included in Table 6 (Cherokee County).

#### DATA INTERPRETATION

Yields are recorded as bushels per acre (60 pounds per bushel) adjusted to 13% moisture content, when moisture data are available. Seed yield also is expressed as a percentage of the test average to assist in identifying entries that consistently produce better than the average yield.

Maturity is the date on which 95% of the pods have ripened (browned). Delayed leaf drop and green stems are not considered when assigning maturity. About 1 week of good drying weather after maturing is needed before soybeans are ready to harvest.

Lodging is rated at maturity by the following scores:

- 1 - Almost all plants erect
- 2 - All plants slightly leaning or a few plants down
- 3 - All plants leaning moderately (45%) or 25 to 50% of plants down
- 4 - All plants leaning considerably or 50 to 80% plants down
- 5 - Almost all plants down

Height is the average length from the soil surface to the top of the main stem of mature plants.

#### VARIETY OR BRAND SELECTION

Performance of soybean varieties or brands varies from year to year and from location to location, depending on such factors as weather, management practices, and variety adaptation. When selecting varieties or brands, one should carefully analyze their performance for 2 or more years across locations. Performance averaged over several years will provide a better estimate of genetic potential and stability than will 1 year's information.

Small differences in yield between any two varieties or brands usually are not important. Within maturity groups at each location, an LSD (least significant difference) was calculated. The significance level used to calculate the LSD was 10%. Unless two varieties differ in yield by more than the LSD, genetic yield potential of one entry cannot be considered superior to that of another.

The coefficient of variability (CV) represents an estimate of the precision in the replicated yield trials. A CV of less than 10% indicates a good test with a high level of reliability. CVs ranging from 10 to 15% are usually acceptable for performance comparisons. CVs greater than 15%

generally lack sufficient precision to provide any more than a rough guide to cultivar performance. In those tests in which the precision was insufficient to statistically compare performance among the entries, the LSD value has been replaced with the designation, NS, indicating that seed yields were not significantly different.

#### 2000 ENVIRONMENTAL FACTORS

**Brown County:** Good growing conditions occurred early in the season. Conditions became dry late in July. Limited, but beneficial, rainfall in early September enabled a few of the entries to produce yields over 30 bushels per acre.

**Shawnee County:** Good growing conditions occurred early in the season, but heat stress during seed-fill reduced seed yields 1/3 lower than yields in 1999.

**Franklin County:** Emergence and plant establishment were excellent. Growing conditions were good through early pod development, but became extremely dry in August. All entries reached full maturity before the October freeze.

**Cherokee County:** For the third season in a row, the southeast locations experienced severe drought. The yields of the standard trial near Parsons ranged from 0 to about 11 bu/a. No results of that test are included in this report. Yields of the Roundup-resistant test near Pittsburg and the soybean cyst nematode near Columbus were greater than the yields near Parsons, but the drought in August and September, along with the early freeze in October, did adversely affect soybean performance.

**Republic County:** Both the Belleville and Scandia locations experienced a season-long drought. The soybean plants at the dryland

site died prematurely and were not harvested. No results are reported. Both irrigated standard and Roundup-resistant tests experienced nearly a 100% infestation of soybean stem borer.

Harvey County: Plots were planted earlier than in most years because of favorable environmental conditions and anticipation of a dry summer. Growing conditions favored rapid soybean emergence and early development. Mean air temperatures were near normal to below normal from May through July. Heavy rainfall in the last week of July coupled with favorable temperatures provided an excellent outlook for soybean production. However, no meaningful rainfall occurred between July 28 and harvest.

Sumner County: From planting to harvest, this location received minimal rainfall. Temperatures were average to above average. However, rainfall received at the end of July did result in yields of the best entries reaching 25 to 28 bu/a.

Stafford County: Plant development and yield potential were improved this season compared to the performance in 1999, particularly in the Roundup-resistant trial.

Thomas County: Good growing conditions existed at this site early in the season, although high temperatures existed during seed-fill with limited rainfall in August and September. A hard freeze occurred on October 9, but all the plants had reached full maturity.

Finney County: Conditions at this site were also warm and dry, but irrigation produced good yields. A frost on September 25 terminated development of the mid-group IV and later maturing entries.

Ellis County: Two extended droughty

periods resulted in low yields. No lodging or diseases occurred in the test.

Greeley County: Conditions were dry with less than 7 inches of rainfall and above normal temperatures during the entire growing season. Plots were harvested as the entries matured, because varieties began to shatter immediately upon maturing.

TABLE 1. SUMMARY OF ENTRANTS AND ENTRIES IN PERFORMANCE TESTS

ENTRANT	BRAND OR ENTRY
Illinois A.E.S. and USDA-ARS	Macon, Williams 82
Iowa A.E.S.	IA2021, IA3010
Kansas A.E.S.	Crawford, K1380, K1401, K1410, K1423, K1424, K1425, K1444, K1454, K1457, K1459, K1463, K1468, K1469, KS3494, KS4694, KS4895, KS4997, KS5292
Maryland A.E.S.	Manokin
Missouri A.E.S.	Anand, Delsoy 5500,
Ohio A.R.D.C. and USDA-ARS	Flyer, Stressland, Sherman, HS93-4118
Virginia A.E.S.	Hutcheson
Advanced Genetics (Adv. Genetics) Box 414 Beloit, KS 67420 phone: 785-738-5775 fax: 785-738-2688	AG GALAXY II, AG3400RR*, AG3797RR*, AG3800RR*, AG3920, AG3957RR*, AG4012RR*, AG4188STS, AG4333NRR*, AG4442RR*, AG4555RR*, AG4599NSTS, AG4827RR*, AG5277RR*, DS454
Garst Seed Company (AgriPro) 2369 330th Street PO Box 500 Slater, IA 50244 phone: 800-831-6630 fax: 515-685-5077	2802RR*, 3083RR*, 3510RR*, 3611RR/N*, 3792RR/N*, 4004RR/N*, 4319RR/N*
Monsanto (Asgrow) 3100 Sycamore Rd. DeKalb, IL 60115 phone: 1-800-833-5252 fax: 1-314-694-5557	A3834, AG2905*, AG3003*, AG3201*, AG3302*, AG3701*, AG3702*, AG4301*, AG4403*, AG4602*, AG4902*, AG5001*, AG5501*
Land O' Lakes Seed (Croplan Genetics) P.O. Box 171376 Memphis, TN 38187 phone: 901-758-1341 fax: 901-751-4503	370RR*, 480RR*, RC3838*, RC4495*, RT3557*, XST52
Dairyland Seed Co., Inc. (Dairyland) 3570 Hwy H, P.O. Box 958 West Bend, WI 53095 phone: 1-800-236-0163 fax: 1-262-626-2281	DSR-381RR*, DSR-421RR*
Monsanto (Delkab) 3100 Sycamore Rd. DeKalb, IL 60115 phone: 800-833-5252 fax: 314-694-5557	CX391RR*, CX400, CX444cRR*, CX480cRR*, CX520cRR*, DKB28-51*, DKB31-51*, DKB35-51*, DKB36-51*, DKB38-51*, DKB44-51*
DeltaKing Seed Co. (DeltaKing, DPMS) 522 Poplar Ave. PO Box 970 McCrary, AR 72101 phone: 870-731-5484 fax: 870-731-5221	Deltaking: XTJ584RR*, XTJ784 DPMS: 3701, 3801RR*, 3901RR*, 4001, 4401RR*
Delta and Pine Land Co. (Deltapine) 1301 East 50th Lubbock, TX 79404 phone: 806-740-1600 fax: 806-740-1661	DP3478, DP4344RR*, DP 4690RR*, DP 4748S, DP 4909, SG 498RR*
U.A.P.-Pueblo (Dyna-Gro) 2502 John St., PO Box 1279 Garden City, KS 67846 phone: 316-275-6127 fax: 316-275-1052	DG-3336, DG-3370RR*, DG-3373NRR*, DG-3388RR*, DG-3395, DG-3399RR*, DG-3401NRR*, DG-3402STS, DG-3438N, DG-3442NRR*, DG-3468NRR*, DG-3484NRR*, DG3513NRR*

(CONTINUED)

TABLE 1. SUMMARY OF ENTRANTS AND ENTRIES IN PERFORMANCE TESTS. (CONTINUED)

ENTRANT	BRAND OR ENTRY
Fontanelle Hybrids (Fontanelle) 10981 8 St. Fontanelle, NE 68044-2505 phone: 402-721-1410 fax: 402-721-0828	415RR*, 9973RR*
Garst Seed Co. (Garst) P.O. Box 300 Coon Rapids, IA 50058 phone: 816-220-2629 fax: 816-220-2491	D308, D355RR*, D370RR*, D381RR/STS*, D385, D398, D399RR/N*, D437RR/N*, D445/N, D484RR/N*, D529RR*, X9940N31, XR0044N01*
Golden Harvest Seeds The J.C. Robinson Seed Company PO Box A Waterloo, NE 68069 phone: 402-289-0265 fax: 402-779-3177	H-1500, H-3848RR*, H-4122RR*, H-4813RR*, H-5447STS
Hamon Seed Farms (Hamon) 5557 190th St. Valley Falls, KS 66088 phone: 785-945-3584 fax: 785-945-3588	427N, 445N
Hoegemeyer Hybrids (Hoegemeyer) 1755 Hoegemeyer Rd. Hooper, NE 68031 phone: 402-654-3399 fax: 402-654-3342	333, 341RR*, 379, 390STS, 402STS, 409RR*, 410NRR*, 439RR*, 451SCN
Lewis Hybrids, Inc. (Lewis) P.O. Box 38, West Maple St. Ursa, IL 62376 phone: 217-964-2131 fax: 217-964-2232	3717RR*, 375, 3876RR*, 4228RR*, 4392RR*
MFA Incorporated (MFA Morsoy) 201 Ray Young Dr. Columbia, MO 65201 phone: 573-876-5285 fax: 573-876-5233	3709N, 4067SCN, 4426SCN, 4477SCN, RT 3549*, RT 3739*, RT 3967SCN*, RT 4478SCN*, RT 4889N*
Midland Genetics Group (Midland) 1906 Kingman Rd. Ottawa, KS 66067 phone: 785-242-3598 fax: 785-242-1029	8287, 8322RR*, 8355, 8371, 8382RR*, 8388, 8390RR(N)*, 8393, 8394RR(N)*, 8396STS, 8398(N), 8410, 8411BRR*, 8421, 8422RR*, 8431, 8450STS(N), 8475(N), 8530(N), 8540RR*, 9A320STS, 9A331, 9A350, 9A380RR*, 9A401STS, 9A420N, 9A441NRR*, 9A460N, 9A480NRR*, 9B331NRR*, 9B350RR*, 9B351, 9B370N, 9B371RR*, 9B411NRR*, 9B480RR*, 9E351RR*, 9E480, 9G351STS, 9G380RR/STS*, 9G480RR*, XA351NRR*, XA371NRR*, XA411NRR*, XA431N, XA491N, XA541NRR*
Midwest Premium Genetics (M-Pride) 101 N.E. Davis Rd., P.O. Box 688 Concordia, MO 64020 phone: 800-622-1150 fax: 660-463-7171	MPV350NRR*, MPV398NRR*, MPV437NRR*, MPV457NRR*, MPV519NRR*, MPV537NRR*
Midwest Seed Genetics (Midwest Seed) P.O. Box 518 Carroll, IA 51401 phone: 712-792-6691 fax: 712-792-6725	G 3060R*, G 3245R*, G 3525R*, G 3625RN*, G 3644S, G 3745R*, G 3925RN*, G 3996, G 4500RN*

(CONTINUED)

TABLE 1. SUMMARY OF ENTRANTS AND ENTRIES IN PERFORMANCE TESTS. (CONTINUED)

ENTRANT	BRAND OR ENTRY
Mycogen Seeds (Mycogen/Atlas) 1340 Corporate Center Curve Eagan, MN 55121-1233 phone: 800-380-7282 fax: 651-405-5957	Mycogen: 5383, 5404, 5420N Mycogen/Atlas: 5280RR*, 5316RR*, 5370RR*, 5441NRR*, 5480NRR*
NC+ Hybrids (NC+) Box 4408 Lincoln, NE 68504 phone: 402-467-2517 fax: 402-467-4217	2A97RR*, 3A19RR*, 3A72RR*, 3A77RR*, 3A85STS, 3A87, 3A99RR*, 4A29RR*, 4N26, 4N45STS, 4N79RR*, 5A45RR*
Novartis Seeds Inc. (NK) 1060 Wheatland Dr. Buhler, KS 67522 phone: 316-543-2707 fax: 316-543-2811	S29-C9*, S30-P6*, S34-B2*, S38-T8, S42-H1, S42-M1*, S46-G2*, S57- 11, S57-A4*, X039R*
Pioneer Hi-Bred Int'l., Inc. (Pioneer) 1616 S. Kentucky, Suite C-150 Amarillo, TX 79102 phone: 806-356-0160 fax: 806-356-0185	9294, 93B34, 93B35, 93B41, 93B51*, 93B53*, 93B82, 93B84*, 9492*, 94B01, 95B32*, 95B33, 95B53*, 95B71
Prairie Brand Seed Co. 15 X Avenue (Prairie Brand) Story City, IA 50248 phone: 515-733-2101 fax: 515-733-2219	PB-3410RR*, PB-3770RR*, PB-3927RR*, PB-4100RR*
Stine Seed Co. (Stine) 2225 Laredo Trail Adel, IA 50003 phone: 800-362-2510 fax: 515-677-2716	3398-8, 3500-0, 3503-4*, 3763-4*, 3800-4*, 3870-0, 3950-0, 4001-4*, 4212-4*, 4702-2, 4790, EX5502-4
Taylor Seed Farms, Inc. (Taylor) 2467 HWY 7 White Cloud, KS 66094 phone: 785-595-3236 fax: 785-595-3316	370RR*, 3710, 388RR*, 394RR*, 396, 415RR*, 445RR*, 466RR*, 471, 488RR*, EXP T34A00RR*, EXP T37A07RR*
Triumph Seed Co., Inc. (Triumph) P.O. Box 1050 Ralls, TX 79357 phone: 800-530-4789 fax: 806-253-4012	TR3750RR*, TR3939RR*, TR4319RR*, TR4718RR*, TR4810RR*, TR5409RR*
United Suppliers, Inc. (U.S. Seeds) P.O. Box 538 Eldora, IA 50627-0538 phone: 515-858-2341 fax: 515-939-7559	US E3401RR*, US E3701RR*, US E371, US E421, US E471, US S350, US S3909RR*, US S399STS, US S4200RR*, US S4409RR*, US S4809RR*
W.S.D.A. (Willcross) P.O. Box 560 Garden City, MO 64747 phone: 816-862-8203 fax: 816-862-8206	9477, 9449NSTS, 9450NSTS, 9640, 9738, RR2300*, RR2320N*, RR2338*, RR2350*, RR2351*, RR2368*, RR2370*, RR2371N*, RR2388N*, RR2390*, RR2397*, RR2399N*, RR2420N*, RR2430N*, RR2439*, RR2449N*, RR2467N*, RR2469N*, RR2480N*, RR2490N*, RR2517N*, RR2549N*, RR2580N*
Wilson Seeds, Inc. (Wilson) P.O. Box 391 Harlan, IA 51537 phone: 712-755-3841 fax: 712-755-5261	3700, 3780RR/SCN*



TABLE 2. LOCATIONS, CULTURAL PRACTICES, AND RAINFALL FOR 2000 SOYBEAN PERFORMANCE TESTS.

COUNTY: DRYLAND

ITEM	BROWN	FRANKLIN	CHEROKEE†	HARVEY	SUMNER	GREELEY	ELLIS
Cooperator	L. Maddux (785) 474-3469	K. Janssen (785) 242-5616	J. Long (316) 421-4826	M. Claassen (316) 327-2547	B. Heer (316) 662-9021	A. Schlegel (316) 376-4761	C. Thompson (785) 625-3425
Station or field	Powhattan	Ottawa	Pittsburg (RR), Columbus (SCN)	Hesston	Jeff Tracy Farm	Tribune	Hays
Soil: texture	Silty clay loam	Silt loam	Parsons silt loam	Ladysmith silty clay loam	Silt loam	Silt loam	Harvey silt loam
pH	6.7	—	—	6.3	—	7.6	—
Organic matter (%)	2.9	—	—	2.7	—	1.4	—
P test	L	—	—	H	—	L	—
K test	M	—	—	VH	—	—	—
Planting date	5/8	5/16	6/30 (SCN) 7/6 (RR)	5/5	5/12	5/12	5/12
Herbicides ** (per acre)	1 qt. Treflan + 2.8 oz. Scep. (ST); 1.5 pt. Roundup, 2 appl.	3 pt. Squad. (ST); 1 qt. Roundup (RR)	3 pt. Squad.(SCN); 1.3 pt. Dual II Magnum, 1 pt. Roundup (RR)	2.8 oz. Scep., 1qt. Dual (ST); 1 qt. Roundup (RR)	2 pt. Dual 1lb. Lexone	32 oz. Roundup, 3 appl.	40 oz. Dual II, 1.4 oz. Pursuit
Fertilizers (lbs/a)	None	None	13N, 53P, 53K (RR) 14N, 58P, 58K, (SCN)	None	16N, 40P	100N	9N, 23P
Test avg. (bu/a)							
Standard	28.5 (13.2)***	15.3 (8.2)	11.1 (13.0)	19.1 (13.5)	20.4 (9.0)		10.9 (7.7)
Roundup resistant	21.5 (14.3)	13.1 (8.6)		18.8 (12.0)		11.6 (15.0)	
MG III & IV			13.7 (16.7)				
MG V			17.2 (9.5)				
Row length (ft)	13	29	14	30	30	27	22
Seeding rate (seeds/ft)	8	7.5	8	8	8	8	7
Rows harvested	2	2	2	2	2	2	3
Rainfall (R) or Irrigation (I)	R	R	R	R	R	R	R
April	1.44	1.13	—	1.87	1.52	1.30	1.84
May	1.87	2.77	8.0	2.32	4.88	0.25	2.76
June	7.62	4.63	9.85	3.33	6.70	0.64	1.31
July	3.02	1.05	5.0	7.89	4.85	3.08	6.18
August	1.08	0.22	0.0	0.06	0.00	1.24	0.27
September	<u>2.47</u>	<u>2.22</u>	<u>2.6</u>	<u>0.02</u>	<u>0.00</u>	<u>0.43</u>	<u>0.69</u>
Total	17.5	12.02	25.45	15.49	17.87	6.94	13.03

(CONTINUED)

TABLE 2. LOCATIONS, CULTURAL PRACTICES, AND RAINFALL FOR 2000 SOYBEAN PERFORMANCE TESTS. (CONTINUED)

COUNTY: IRRIGATED										
ITEM	SHAWNEE		REPUBLIC		STAFFORD		THOMAS		FINNEY	
Cooperator	L. Maddux (785) 354-7236		B. Gordon (785) 335-2836		V. Martin (316) 549-3345		P. Evans (785) 462-6281		M. Witt (316) 276-8286	
Station or field	Topeka		Scandia		St. John		Colby		Garden City	
Soil: texture	Silt loam		Silt loam		Loamy sand		Keith silt loam		Silt loam	
pH	6.6		6.2 (ST) 6.4 (RR)		—		7.6		7.8	
Organic matter (%)	2.3		2.5		—		2.2		1.2	
P test	L		H		—		—		—	
K test	M		H		—		—		—	
Planting date			5/5 (ST) 5/4 (RR)		5/18		5/15		5/19	
Herbicides ** (per acre)	1 qt. Tref. + 1.44 oz Pursuit (ST); 1.5 pt. Roundup, 2 appl.		1.5 pt. Dual + .5 lb. Sencor (ST); 1 qt. Roundup (RR)		1.5 pt. Dual (ST+RR); 4 oz. Raptor (ST); 1 qt. Roundup (RR)		1.5 pt. Treflan (ST); 20 oz. Roundup (RR)		2.5 pt. Pursuit Plus	
Fertilizers (lbs/a)	None		None		18N, 46P		9N, 30P		None	
Test avg. (bu/a)										
Standard	42.0 (12.8)		55.0 (8.0)		45.2 (18.9)		49.2 (9.9)		53.9 (18.6)	
Roundup resistant	39.7 (11.3)		66.3 (3.6)		54.8 (10.3)		46.5 (9.6)		50.7 (18.9)	
Row length (ft)	27		25		29		25		20	
Seeding rate (seeds/ft)	7		10		7		9		11.5	
Rows harvested	2		2		2		2		4	
Rainfall (R) or Irrigation (I)	R	I	R	I	R	I	R	I	R	I
April	1.37		1.48		0.61		1.07		1.88	
May	3.75		1.43		4.07		0.18		2.50	
June	6.93		2.95		3.37	2.6	2.06	3.0	0.65	
July	2.86	4.37	1.40	5.5	4.89	3.1	3.12	3.0	3.75	
August	1.83	4.92	1.61	<u>7.5</u>	1.02	<u>8.1</u>	0.88	6.0	0.96	8.0
September	<u>1.24</u>	<u>1.04</u>	<u>1.19</u>		<u>0.99</u>	<u>2.9</u>	<u>0.96</u>	<u>3.0</u>	<u>0.09</u>	<u>8.0</u>
Total		10.33	10.06	13.0	14.95	16.7	8.27	15.0	9.83	16.0

† Roundup-resistant and soybean cyst nematode (SCN)-infested locations.

\*\* Squad. = Squadron, Scep. = Sceptor, Tref. = Treflan, Pur. = Pursuit, \*\*\* Coefficient of variability.

TABLE 3. BROWN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
DEKALB	CX400	27.5	39.1	51.6	---	33.3	39.4	---	96	112	108	---	9/21	1.0	33
DELTAKING	XTJ784	27.6	---	---	---	---	---	---	97	---	---	---	10/3	1.0	33
DPMS	3701	33.5	---	---	---	---	---	---	118	---	---	---	9/19	1.0	33
DPMS	4001	31.4	---	---	---	---	---	---	110	---	---	---	9/24	1.0	35
DYNA-GRO	DG-3395	31.6	32.8	50.8	44.3	32.2	38.4	39.9	111	94	106	102	9/21	1.0	32
DYNA-GRO	DG-3402STS	32.3	43.9	---	---	38.1	---	---	113	126	---	---	9/21	1.0	35
GARST	D385	30.1	28.7	---	---	29.4	---	---	106	82	---	---	9/18	1.0	30
GARST	D398	28.7	37.6	51.1	49.6	33.2	39.1	41.8	101	108	106	114	9/19	1.0	31
GARST	X9940N31	25.2	---	---	---	---	---	---	88	---	---	---	9/25	1.0	32
HAMON	427N	30.4	41.4	---	---	35.9	---	---	107	119	---	---	9/27	1.0	31
HAMON	445N	26.8	---	---	---	---	---	---	94	---	---	---	10/2	1.0	31
HOEGEMEYER	333	30.2	31.4	48.1	---	30.8	36.6	---	106	90	100	---	9/12	1.0	32
HOEGEMEYER	379	28.7	33.9	---	---	31.3	---	---	101	97	---	---	9/16	1.0	30
HOEGEMEYER	390STS	30.2	---	---	---	---	---	---	106	---	---	---	9/19	1.0	30
K-SOY	KS3494	26.7	33.8	46.3	45.6	30.3	35.6	38.1	94	97	96	105	9/10	1.0	32
K-SOY	KS4694	24.1	36.9	52.1	39.9	30.5	37.7	38.3	85	106	109	92	10/3	1.0	33
K-SOY	MACON	25.5	35.2	48.6	45.6	30.4	36.4	38.7	89	101	101	105	9/18	1.0	31
K-SOY	STRESSLAND	25.5	31.6	47.3	40.7	28.5	34.8	36.3	89	90	98	93	9/30	1.0	34
LEWIS	375	29.4	---	---	---	---	---	---	103	---	---	---	9/13	1.0	33
MIDLAND	8388	30.8	36.9	49.4	---	33.8	39.0	---	108	106	103	---	9/18	1.0	30
MIDLAND	8398(N)	24.3	---	---	---	---	---	---	85	---	---	---	9/22	1.0	34
MIDLAND	9B370N	27.8	35.3	---	---	31.6	---	---	98	101	---	---	9/22	1.0	34
MYCOGEN	5383	27.3	36.9	51.2	---	32.1	38.5	---	96	106	107	---	9/16	1.0	30
MYCOGEN	5404	28.0	38.8	49.7	42.2	33.4	38.8	39.7	98	111	104	97	9/19	1.0	33
NC+	3A87	35.3	37.0	53.2	---	36.2	41.8	---	124	106	111	---	9/21	1.0	29
PIONEER	93B51 *	27.9	28.2	---	39.4	28.1	---	---	98	81	---	90	9/15	1.0	29
PIONEER	93B82	30.6	39.9	55.6	---	35.2	42.0	---	107	114	116	---	9/19	1.0	30
PIONEER	93B84 *	24.9	32.8	---	---	28.8	---	---	87	94	---	---	9/25	1.0	32
PUBLIC	HS93-4118	33.0	37.4	51.9	---	35.2	40.7	---	116	107	108	---	9/18	1.0	30
PUBLIC	IA2021	28.4	21.9	39.7	---	25.2	30.0	---	100	63	83	---	9/8	1.0	26
PUBLIC	IA3010	30.0	33.4	48.4	---	31.7	37.3	---	105	96	101	---	9/12	1.0	28
PUBLIC	K1370	23.2	---	43.7	---	---	---	---	81	---	91	---	9/19	1.0	35
PUBLIC	K1380	22.7	34.5	49.2	---	28.6	35.5	---	80	99	103	---	9/29	1.0	35
PUBLIC	K1410	30.8	33.8	---	---	32.3	---	---	108	97	---	---	9/24	1.0	31
PUBLIC	K1444	25.8	---	---	---	---	---	---	91	---	---	---	9/17	1.3	29
PUBLIC	K1454	28.9	---	---	---	---	---	---	101	---	---	---	9/28	1.0	34
PUBLIC	K1457	30.2	---	---	---	---	---	---	106	---	---	---	9/26	1.0	32
PUBLIC	K1459	30.7	---	---	---	---	---	---	108	---	---	---	9/29	1.0	33
PUBLIC	WILLIAMS 82	24.0	26.1	45.5	41.1	25.0	31.8	34.2	84	75	95	94	9/19	1.0	34
STINE	3500-0	31.2	---	---	---	---	---	---	109	---	---	---	9/12	1.0	29
US SEEDS	US S350	24.1	---	---	---	---	---	---	85	---	---	---	9/12	1.3	32
US SEEDS	US S399STS	28.6	40.6	---	---	34.6	---	---	100	116	---	---	9/21	1.0	31
WILLCROSS	9738	31.2	35.6	51.1	42.3	33.4	39.3	40.0	109	102	106	97	9/21	1.0	31
TEST AVERAGES		28.5	34.9	48.0	43.6										
LSD (.10)		5.1	5.4	4.5	5.7										

TABLE 4. SHAWNEE COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
DEKALB	CX400	41.3	80.5	66.3	---	60.9	62.7	---	98	127	111	---	9/21	1.3	39
DELTAKING	XTJ784	46.9	---	---	---	---	---	---	112	---	---	---	9/29	1.3	46
DPMS	3701	45.5	---	---	---	---	---	---	108	---	---	---	9/18	1.7	43
DPMS	4001	36.0	---	---	---	---	---	---	86	---	---	---	9/14	1.3	44
DYNA-GRO	DG-3395	44.6	65.1	64.1	69.5	54.9	57.9	60.8	106	103	107	106	9/21	2.3	39
DYNA-GRO	DG-3402STS	35.6	54.7	---	---	45.1	---	---	85	86	---	---	9/16	1.3	41
GARST	D385	44.4	50.2	---	---	47.3	---	---	106	79	---	---	9/19	1.0	40
GARST	D398	48.1	78.6	65.7	---	63.4	64.2	---	115	124	110	---	9/19	1.0	39
GARST	D445/N	42.6	76.2	---	---	59.4	---	---	101	120	---	---	9/18	2.0	37
HAMON	427N	54.1	78.1	---	---	66.1	---	---	129	123	---	---	9/23	2.0	39
HAMON	445N	36.6	---	---	---	---	---	---	87	---	---	---	9/22	1.7	41
HOEGEMEYER	333	40.9	57.3	60.7	---	49.1	53.0	---	97	90	101	---	9/11	1.7	40
HOEGEMEYER	379	47.3	69.8	---	---	58.6	---	---	113	110	---	---	9/18	1.7	36
HOEGEMEYER	390STS	37.6	---	---	---	---	---	---	90	---	---	---	9/20	1.0	44
K-SOY	KS3494	42.7	63.1	54.8	80.8	52.9	53.5	60.3	102	99	91	124	9/14	1.0	38
K-SOY	KS4694	40.9	58.7	46.3	54.8	49.8	48.6	50.2	97	92	77	84	9/27	2.0	41
K-SOY	MACON	41.2	66.8	63.0	69.9	54.0	57.0	60.2	98	105	105	107	9/16	1.3	38
K-SOY	STRESSLAND	34.6	54.3	55.5	64.6	44.4	48.1	52.2	82	86	92	99	9/18	1.7	43
MFA MORSOY	3709N	43.0	---	---	---	---	---	---	102	---	---	---	9/17	2.0	43
MFA MORSOY	4067SCN	38.8	---	---	---	---	---	---	92	---	---	---	9/21	1.0	45
MIDLAND	8388	55.7	78.0	68.6	---	66.9	67.4	---	133	123	114	---	9/20	1.3	35
MIDLAND	9B370N	35.0	52.2	---	---	43.6	---	---	83	82	---	---	9/17	2.0	39
MYCOGEN	5383	39.3	77.2	---	---	58.2	---	---	94	122	---	---	9/20	1.3	42
MYCOGEN	5404	37.1	67.0	64.5	---	52.0	56.2	---	88	105	108	---	9/21	2.7	46
NC+	4N26	50.2	69.5	---	---	59.8	---	---	120	109	---	---	9/22	1.3	37
NK	S38-T8	44.9	---	---	---	---	---	---	107	---	---	---	9/17	1.3	42
NK	S42-H1	44.7	---	---	---	---	---	---	106	---	---	---	9/17	1.3	39
PIONEER	93B51 *	40.9	62.2	---	68.6	51.5	---	---	97	98	---	105	9/17	2.3	40
PIONEER	93B82	47.8	69.3	66.3	---	58.5	61.1	---	114	109	111	---	9/17	2.0	37
PIONEER	93B84 *	45.2	67.6	---	---	56.4	---	---	108	106	---	---	9/16	1.0	42
PUBLIC	HS93-4118	40.5	65.7	61.8	---	53.1	56.0	---	96	103	103	---	9/17	2.0	37
PUBLIC	IA2021	29.1	43.2	40.3	---	36.1	37.5	---	69	68	67	---	9/4	2.0	30
PUBLIC	IA3010	47.0	61.7	60.0	---	54.3	56.2	---	112	97	100	---	9/12	1.3	37
PUBLIC	K1370	42.3	---	59.4	---	---	---	---	101	---	99	---	9/17	2.0	40
PUBLIC	K1380	37.6	62.1	64.1	---	49.8	54.6	---	90	98	107	---	9/18	1.7	39
PUBLIC	K1410	38.1	67.4	---	---	52.7	---	---	91	106	---	---	9/19	2.0	41
PUBLIC	K1444	39.5	---	---	---	---	---	---	94	---	---	---	9/17	1.7	46
PUBLIC	K1454	45.3	---	---	---	---	---	---	108	---	---	---	9/19	1.7	42
PUBLIC	K1457	40.8	---	---	---	---	---	---	97	---	---	---	9/21	1.3	40
PUBLIC	K1459	42.9	---	---	---	---	---	---	102	---	---	---	9/22	1.7	41
PUBLIC	WILLIAMS 82	44.7	53.4	50.1	58.6	49.0	49.4	51.7	106	84	84	90	9/19	2.0	44
STINE	3870-0	49.7	79.0	63.3	---	64.3	64.0	---	118	124	106	---	9/20	1.0	43
TAYLOR	3710	40.0	---	---	---	---	---	---	95	---	---	---	9/17	1.3	42
TAYLOR	396	41.0	67.2	67.2	83.3	54.1	58.5	64.7	98	106	112	127	9/21	2.7	38
US SEEDS	US S399STS	34.9	---	---	---	---	---	---	83	---	---	---	9/18	1.3	41
WILLCROSS	9640	42.1	47.2	68.4	68.6	44.7	52.6	56.6	100	74	114	105	9/21	2.0	42
WILLCROSS	9738	34.9	75.1	64.8	64.1	55.0	58.3	59.7	83	118	108	98	9/19	2.0	40
TEST AVERAGES		42.0	63.5	60.0	65.4										
LSD (.10)		7.3	9.5	6.5	9.2										

TABLE 5. FRANKLIN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
ADVANCED GENETICS	AG GALAXY II	14.2	---	---	---	---	---	---	93	---	---	---	9/8	1.0	24
ADVANCED GENETICS	AG3920	13.5	42.5	---	---	28.0	---	---	88	103	---	---	9/10	1.0	29
ADVANCED GENETICS	AG4599NSTS	16.0	---	---	---	---	---	---	105	---	---	---	9/15	1.0	30
ADVANCED GENETICS	DS 454	14.7	44.5	40.7	46.6	29.6	33.3	36.6	96	108	99	104	9/14	1.0	30
ASGROW	A3834	16.8	---	---	---	---	---	---	110	---	---	---	9/16	1.0	24
DEKALB	CX400	13.8	42.2	---	---	28.0	---	---	90	102	---	---	9/12	1.0	26
DELTAKING	XTJ784	12.1	---	---	---	---	---	---	79	---	---	---	9/19	1.0	31
DPMS	3701	16.8	---	---	---	---	---	---	110	---	---	---	9/12	1.0	28
DPMS	4001	14.2	---	---	---	---	---	---	93	---	---	---	9/13	1.0	31
DYNA-GRO	DG-3395	13.8	43.0	45.8	48.2	28.4	34.2	37.7	90	104	111	107	9/14	1.0	28
DYNA-GRO	DG-3402STS	18.5	41.1	---	---	29.8	---	---	121	100	---	---	9/15	1.0	28
GARST	D398	12.9	38.4	44.5	49.6	25.6	31.9	36.3	84	93	108	111	9/12	1.0	25
GARST	D445/N	17.1	46.8	---	---	31.9	---	---	112	113	---	---	9/14	1.0	29
GARST	X9940N31	14.6	---	---	---	---	---	---	95	---	---	---	9/18	1.0	30
HOEGEMEYER	333	14.1	40.8	48.4	---	27.4	34.4	---	92	99	118	---	9/5	1.0	26
HOEGEMEYER	379	14.7	42.9	---	---	28.8	---	---	96	104	---	---	9/9	1.0	26
HOEGEMEYER	390STS	18.7	---	---	---	---	---	---	122	---	---	---	9/10	1.0	29
HOEGEMEYER	451SCN	17.5	39.6	---	---	28.6	---	---	114	96	---	---	9/15	1.0	31
K-SOY	KS3494	17.0	38.5	38.9	40.3	27.8	31.5	33.7	111	93	94	90	9/6	1.0	28
K-SOY	KS4694	14.7	39.9	36.6	46.7	27.3	30.4	34.5	96	97	89	104	9/22	1.0	28
K-SOY	MACON	17.3	39.2	43.4	46.0	28.3	33.3	36.5	113	95	105	103	9/13	1.0	25
K-SOY	STRESSLAND	15.3	42.7	41.0	41.8	29.0	33.0	35.2	100	104	99	93	9/15	1.0	32
MFA MORSOY	3709N	16.7	---	---	---	---	---	---	109	---	---	---	9/12	1.0	29
MFA MORSOY	4067SCN	17.3	---	---	---	---	---	---	113	---	---	---	9/17	1.0	26
MFA MORSOY	4426SCN	16.1	---	---	---	---	---	---	105	---	---	---	9/19	1.0	25
MIDLAND	8388	14.6	46.3	45.8	---	30.5	35.6	---	95	112	111	---	9/11	1.0	25
MIDLAND	8398(N)	14.2	42.6	---	---	28.4	---	---	93	103	---	---	9/14	1.0	33
MIDLAND	8410	14.1	38.9	43.7	46.0	26.5	32.2	35.7	92	94	106	103	9/14	1.0	28
MIDLAND	8421	15.8	---	42.2	---	---	---	---	103	---	102	---	9/14	1.0	33
MIDLAND	9A420N	17.2	45.3	---	---	31.3	---	---	112	110	---	---	9/15	1.0	27
MIDLAND	XA431N	15.7	---	---	---	---	---	---	103	---	---	---	9/16	1.0	30
MYCOGEN	5404	13.2	45.7	44.1	---	29.5	34.3	---	86	111	107	---	9/12	1.0	30
NC+	4N45STS	12.2	---	---	---	---	---	---	80	---	---	---	9/16	1.0	29
NK	S38-T8	16.7	---	---	---	---	---	---	109	---	---	---	9/10	1.0	27
NK	S42-H1	15.7	---	---	---	---	---	---	103	---	---	---	9/12	1.0	28
PIONEER	93B82	23.2	40.6	48.9	---	31.9	37.6	---	152	98	119	---	9/10	1.0	28
PUBLIC	HS93-4118	14.9	39.8	45.5	---	27.4	33.4	---	97	97	110	---	9/8	1.0	24
PUBLIC	IA2021	13.1	30.3	35.4	---	21.7	26.3	---	86	73	86	---	9/0	1.0	23
PUBLIC	IA3010	19.6	40.2	47.3	---	29.9	35.7	---	128	97	115	---	9/5	1.0	22
PUBLIC	K1370	15.2	---	37.5	---	---	---	---	99	---	91	---	9/13	1.0	33
PUBLIC	K1380	15.3	41.4	39.9	---	28.4	32.2	---	100	100	97	---	9/16	1.0	29
PUBLIC	K1410	15.4	36.0	---	---	25.7	---	---	101	87	---	---	9/16	1.0	25
PUBLIC	K1444	13.0	---	---	---	---	---	---	85	---	---	---	9/9	1.0	26
PUBLIC	K1454	14.9	---	---	---	---	---	---	97	---	---	---	9/16	1.0	30
PUBLIC	K1457	16.3	---	---	---	---	---	---	107	---	---	---	9/16	1.0	27

(CONTINUED)

TABLE 5. FRANKLIN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1997-2000. (CONTINUED)

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
PUBLIC	K1459	16.7	---	---	---	---	---	---	109	---	---	---	9/17	1.0	28
PUBLIC	WILLIAMS 82	13.5	30.9	33.4	43.7	22.2	25.9	30.4	88	75	81	98	9/11	1.0	30
STINE	3870-0	12.8	41.4	44.6	---	27.1	32.9	---	84	100	108	---	9/10	1.0	22
TAYLOR	396	13.4	43.1	43.8	49.4	28.2	33.4	37.4	88	104	106	110	9/10	1.0	25
TAYLOR	471	12.7	48.0	---	---	30.3	---	---	83	116	---	---	9/27	1.0	31
WILLCROSS	9447	14.1	45.3	39.2	49.5	29.7	32.9	37.0	92	110	95	111	9/17	1.0	31
WILLCROSS	9449NSTS	16.2	40.3	36.3	---	28.3	30.9	---	106	98	88	---	9/7	1.0	31
WILLCROSS	9640	15.4	42.2	46.9	45.7	28.8	34.8	37.5	101	102	114	102	9/13	1.0	30
TEST AVERAGES		15.3	41.3	41.2	44.8										
LSD (.10)		1.7	4.5	3.7	3.9										

TABLE 6. CHEROKEE COUNTY SOYBEAN PERFORMANCE ON SOIL INFESTED WITH SOYBEAN CYST NEMATODE (DRYLAND), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS IV-V															
ADVANCED GENETICS	AG4599NSTS	8.0	---	---	---	---	---	---	72	---	---	---	10/2	1.0	22
ASGROW	AG4902 *	11.0	---	---	---	---	---	---	99	---	---	---	10/5	1.0	20
ASGROW	AG5001 *	11.3	---	---	---	---	---	---	102	---	---	---	F	1.0	23
ASGROW	AG5501 *	13.1	---	---	---	---	---	---	118	---	---	---	F	1.0	22
CROPLAN GENETICS	XST52	10.9	---	---	---	---	---	---	98	---	---	---	F	1.0	24
DEKALB	CX480cRR *	11.6	---	---	---	---	---	---	105	---	---	---	10/6	1.0	22
DEKALB	CX520cRR *	13.2	---	---	---	---	---	---	119	---	---	---	F	1.0	28
DELTAKING	XTJ784	9.5	---	---	---	---	---	---	86	---	---	---	10/7	1.0	21
DPMS	3701	7.2	---	---	---	---	---	---	65	---	---	---	10/1	1.0	22
DPMS	4001	7.7	---	---	---	---	---	---	69	---	---	---	9/29	1.0	24
DYNA-GRO	DG-3438N	10.8	19.1	32.0	---	14.9	20.6	---	97	92	114	---	10/2	1.0	24
GARST	D445/N	12.5	---	---	---	---	---	---	113	---	---	---	10/3	1.0	20
GOLDEN HARVEST	H-1500	14.0	---	26.1	38.6	---	---	---	126	---	93	102	F	1.0	26
GOLDEN HARVEST	H-5447STS	14.2	---	---	---	---	---	---	128	---	---	---	F	1.0	28
HOEGEMEYER	451SCN	11.1	16.7	---	---	13.9	---	---	100	80	---	---	9/29	1.0	27
K-SOY	DELISOY 5500	11.5	22.5	30.0	40.4	17.0	21.3	26.1	104	108	106	107	F	1.0	17
K-SOY	KS4694	8.5	15.3	---	---	11.9	---	---	77	74	---	---	10/3	1.0	19
K-SOY	KS4895	10.2	---	---	---	---	---	---	92	---	---	---	10/6	1.0	19
M-PRIDE	MPV457NRR *	9.3	---	---	---	---	---	---	84	---	---	---	10/2	1.0	23
M-PRIDE	MPV519NRR	10.1	---	---	---	---	---	---	91	---	---	---	F	1.0	20
MFA MORSOY	4426SCN	11.6	---	---	---	---	---	---	105	---	---	---	10/3	1.0	18

(CONTINUED)

TABLE 6. CHEROKEE COUNTY SOYBEAN PERFORMANCE ON SOIL INFESTED WITH SOYBEAN CYST NEMATODE (DRYLAND), 1997-2000. (CONTINUED)

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS IV-V															
MFA MORSOY	4477SCN	10.2	---	---	---	---	---	---	92	---	---	---	10/3	1.0	20
MIDLAND	8450STS(N)	7.2	16.1	31.2	---	11.6	18.2	---	65	77	111	---	10/1	1.0	23
MIDLAND	8475(N)	11.5	21.5	31.0	40.1	16.5	21.3	26.0	104	104	110	106	10/4	1.0	23
MIDLAND	8530(N)	13.7	24.2	22.0	41.4	19.0	20.0	25.3	123	117	78	109	F	1.0	22
MIDLAND	9A420N	10.8	---	---	---	---	---	---	97	---	---	---	10/3	1.0	19
MIDLAND	9A460N	10.7	---	---	---	---	---	---	96	---	---	---	10/4	1.0	23
MIDLAND	XA491N	13.6	---	---	---	---	---	---	123	---	---	---	F	1.0	21
MYCOGEN	5420N	10.8	---	---	---	---	---	---	97	---	---	---	10/3	1.0	20
NC+	4N45STS	6.1	---	---	---	---	---	---	55	---	---	---	9/30	1.0	23
NK	S46-G2 *	11.5	---	---	---	---	---	---	104	---	---	---	10/3	1.0	24
NK	S57-11	8.8	---	28.1	---	---	---	---	79	---	100	---	F	1.0	33
PIONEER	9492 *	10.9	20.0	32.0	40.7	15.4	20.9	25.9	98	96	113	107	10/4	1.0	22
PIONEER	95B33	13.1	21.6	29.8	---	17.4	21.5	---	118	104	106	---	F	1.0	23
PIONEER	95B71	11.1	28.5	---	---	19.8	---	---	100	137	---	---	F	1.0	23
PUBLIC	ANAND	12.1	26.6	26.1	---	19.3	21.6	---	109	128	92	---	F	1.0	21
PUBLIC	HUTCHESON	9.5	18.5	25.8	36.6	14.0	17.9	22.6	86	89	92	97	F	1.0	20
PUBLIC	K1370	9.0	---	---	---	---	---	---	81	---	---	---	9/30	1.0	24
PUBLIC	K1401	12.3	---	---	---	---	---	---	111	---	---	---	10/2	1.0	20
PUBLIC	K1423	12.0	---	---	---	---	---	---	108	---	---	---	F	1.0	22
PUBLIC	K1424	10.4	27.3	---	---	18.8	---	---	94	131	---	---	F	1.0	23
PUBLIC	K1425	14.9	25.5	---	---	20.2	---	---	134	122	---	---	F	1.0	25
PUBLIC	K1463	14.0	---	---	---	---	---	---	126	---	---	---	F	1.0	27
PUBLIC	K1468	11.8	---	---	---	---	---	---	106	---	---	---	F	1.0	22
PUBLIC	K1469	11.0	---	---	---	---	---	---	99	---	---	---	F	1.0	22
PUBLIC	KS5292	13.4	18.9	26.1	39.1	16.1	19.4	24.4	121	91	92	103	10/8	1.0	26
PUBLIC	MANOKIN	14.8	29.1	26.7	40.7	22.0	23.5	27.8	133	140	95	108	F	1.0	29
STINE	4702-2	11.8	19.9	---	---	15.8	---	---	106	96	---	---	10/7	1.0	20
STINE	EX5502-4	10.2	---	---	---	---	---	---	92	---	---	---	F	1.0	22
US SEEDS	US E371	10.7	---	---	---	---	---	---	96	---	---	---	10/3	1.0	23
US SEEDS	US E421	8.2	---	---	---	---	---	---	74	---	---	---	9/30	1.0	20
US SEEDS	US E471	10.8	---	---	---	---	---	---	97	---	---	---	10/7	1.0	22
WILLCROSS	9450NSTS	11.4	14.5	---	---	12.9	---	---	103	70	---	---	10/4	1.0	22
TEST AVERAGES		11.1	20.8	28.2	37.9										
LSD (.10)		1.7	2.7	4.0	4.1										

F = plants frozen before reaching full maturity.

TABLE 7. REPUBLIC COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
ADVANCED GENETICS	AG GALAXY II	49.5	---	---	---	---	---	---	90	---	---	---	9/16	1.0	33
ADVANCED GENETICS	AG3920	70.2	75.2	---	---	72.7	---	---	128	105	---	---	9/21	1.0	36
DYNA-GRO	DG-3336	57.2	---	---	---	---	---	---	104	---	---	---	9/17	1.3	33
DYNA-GRO	DG-3395	61.3	75.8	---	---	68.5	---	---	111	106	---	---	9/19	1.0	34
DYNA-GRO	DG-3402STS	50.3	79.0	---	---	64.6	---	---	91	111	---	---	9/17	1.0	37
GARST	D385	36.3	74.4	---	---	55.4	---	---	66	104	---	---	9/21	1.3	28
GARST	D398	62.5	75.8	67.6	74.7	69.2	68.6	70.2	114	106	112	111	9/22	1.0	35
HOEGEMEYER	333	34.8	73.8	---	---	54.3	---	---	63	103	---	---	9/17	1.0	31
HOEGEMEYER	379	65.8	72.7	---	---	69.3	---	---	120	102	---	---	9/21	1.0	33
HOEGEMEYER	402STS	57.2	67.7	55.0	---	62.5	60.0	---	104	95	91	---	9/24	1.0	38
K-SOY	KS3494	68.0	70.6	63.2	78.3	69.3	67.3	70.0	124	99	105	117	9/17	1.3	32
K-SOY	KS4694	39.4	60.2	53.4	54.6	49.8	51.0	51.9	72	84	89	81	9/24	1.7	41
K-SOY	MACON	65.4	72.0	69.1	64.4	68.7	68.8	67.7	119	101	115	96	9/18	1.7	31
K-SOY	STRESSLAND	51.8	69.0	59.0	63.1	60.4	59.9	60.7	94	97	98	94	9/19	1.0	39
MIDLAND	8287	51.8	77.0	56.5	---	64.4	61.8	---	94	108	94	---	9/14	1.3	29
MIDLAND	8355	65.6	76.5	66.2	77.0	71.0	69.4	71.3	119	107	110	115	9/17	1.7	30
MIDLAND	8388	60.3	74.1	61.5	---	67.2	65.3	---	110	104	102	---	9/21	1.3	32
MIDLAND	8396STS	48.0	71.5	65.5	---	59.8	61.7	---	87	100	109	---	9/22	1.7	38
MIDLAND	9A320STS	66.4	77.0	---	---	71.7	---	---	121	108	---	---	9/17	2.0	31
MIDLAND	9A331	66.1	---	---	---	---	---	---	120	---	---	---	9/17	1.7	33
MIDLAND	9B351	61.3	---	---	---	---	---	---	111	---	---	---	9/17	1.7	33
MIDLAND	9G351STS	56.7	---	---	---	---	---	---	103	---	---	---	9/17	1.7	33
MYCOGEN	5383	58.5	---	---	---	---	---	---	106	---	---	---	9/21	1.3	34
NC+	3A87	62.8	76.5	62.2	---	69.6	67.2	---	114	107	103	---	9/21	1.0	34
PIONEER	93B41	63.8	72.8	---	---	68.3	---	---	116	102	---	---	9/17	1.7	29
PIONEER	93B51 *	48.8	75.6	---	65.8	62.2	---	---	89	106	---	98	9/17	1.7	32
PIONEER	93B84 *	58.3	74.5	---	---	66.4	---	---	106	104	---	---	9/20	1.0	32
PUBLIC	HS93-4118	48.3	77.0	64.3	---	62.7	63.2	---	88	108	107	---	9/21	1.0	32
PUBLIC	IA2021	62.9	70.5	55.9	---	66.7	63.1	---	114	99	93	---	9/14	1.7	28
PUBLIC	IA3010	70.0	72.7	65.3	---	71.3	69.3	---	127	102	108	---	9/16	1.0	26
PUBLIC	K1370	55.5	---	53.3	---	---	---	---	101	---	88	---	9/21	1.0	37
PUBLIC	K1380	50.9	67.3	62.6	---	59.1	60.3	---	93	94	104	---	9/21	1.3	36
PUBLIC	K1410	48.5	70.6	---	---	59.6	---	---	88	99	---	---	9/23	1.3	36
PUBLIC	K1444	45.7	---	---	---	---	---	---	83	---	---	---	9/22	1.3	35
PUBLIC	K1454	41.8	---	---	---	---	---	---	76	---	---	---	9/22	1.7	37
PUBLIC	K1457	55.8	---	---	---	---	---	---	101	---	---	---	9/22	1.0	36
PUBLIC	K1459	47.4	---	---	---	---	---	---	86	---	---	---	9/22	1.3	38
PUBLIC	WILLIAMS 82	48.4	67.9	53.4	54.4	58.1	56.6	56.0	88	95	89	81	9/23	1.0	43
STINE	3398-8	41.6	72.7	63.0	---	57.1	59.1	---	76	102	105	---	9/19	1.0	30
STINE	3500-0	40.1	---	---	---	---	---	---	73	---	---	---	9/17	1.3	30
STINE	3870-0	67.7	---	---	---	---	---	---	123	---	---	---	9/20	1.0	35
STINE	3950-0	47.5	---	---	---	---	---	---	86	---	---	---	9/22	1.7	32
TEST AVERAGES		55.0	71.4	60.3	67.1										
LSD (.10)		6.0	3.8	4.6	5.1										



TABLE 8. HARVEY COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
ADVANCED GENETICS	AG GALAXY II	20.0	---	---	---	---	---	---	105	---	---	---	8/27	1.0	26
ADVANCED GENETICS	AG3920	24.0	---	---	---	---	---	---	126	---	---	---	8/29	1.0	29
ADVANCED GENETICS	AG4188 STS	17.8	17.2	---	---	17.5	---	---	93	102	---	---	9/4	1.1	31
ASGROW	A3834	19.1	---	---	---	---	---	---	100	---	---	---	9/2	1.0	29
DEKALB	CX400	21.3	18.0	---	---	19.6	---	---	112	107	---	---	9/1	1.0	29
DELTAPINE	DP 3478	14.5	---	13.5	---	---	---	---	76	---	61	---	9/5	1.0	34
DELTAPINE	DP 4748S	15.8	---	---	---	---	---	---	83	---	---	---	9/8	1.6	36
DELTAPINE	DP 4909	13.2	---	7.0	---	---	---	---	69	---	32	---	9/15	1.0	37
DYNA-GRO	DG-3395	20.8	19.2	24.6	48.1	20.0	21.5	28.2	109	114	112	113	9/2	1.0	30
DYNA-GRO	DG-3402STS	16.6	16.0	---	---	16.3	---	---	87	95	---	---	9/4	1.3	30
GARST	X9940N31	16.4	---	---	---	---	---	---	86	---	---	---	9/4	1.0	32
HOEGEMEYER	379	24.1	20.3	---	---	22.2	---	---	126	121	---	---	8/29	1.0	28
K-SOY	KS3494	20.6	20.2	25.3	39.7	20.4	22.0	26.4	108	120	115	93	8/27	1.0	30
K-SOY	KS4694	15.8	12.8	16.1	34.4	14.3	14.9	19.8	83	76	73	81	9/6	1.0	33
K-SOY	MACON	17.0	16.8	27.7	48.9	16.9	20.5	27.6	89	100	127	115	9/30	1.1	28
K-SOY	STRESSLAND	16.5	16.7	21.3	39.8	16.6	18.2	23.6	86	99	97	93	9/3	1.4	33
MIDLAND	8371	19.0	15.0	22.2	48.3	17.0	18.7	26.1	99	89	101	113	9/2	1.3	31
MIDLAND	8431	18.5	14.7	14.7	43.3	16.6	16.0	22.8	97	87	67	102	9/4	1.1	32
MIDLAND	9A350	16.9	26.8	---	---	21.9	---	---	88	160	---	---	8/30	1.0	28
MIDLAND	9A401STS	18.9	---	---	---	---	---	---	99	---	---	---	9/4	1.0	30
MYCOGEN	5383	23.5	---	---	---	---	---	---	123	---	---	---	9/2	1.0	28
MYCOGEN	5404	19.8	19.5	22.2	45.0	19.7	20.5	26.6	104	116	101	106	9/2	1.1	32
NC+	3A87	23.0	---	---	---	---	---	---	120	---	---	---	8/30	1.0	27
PIIONEER	93B82	26.5	19.3	29.1	---	22.9	25.0	---	139	115	133	---	9/1	1.3	29
PIIONEER	93B84 *	25.7	---	---	---	---	---	---	135	---	---	---	8/30	1.0	31
PIIONEER	94B01	18.0	---	---	---	---	---	---	94	---	---	---	9/3	1.0	31
PUBLIC	HS93-4118	22.3	17.3	29.6	---	19.8	23.0	---	117	103	135	---	8/29	1.0	28
PUBLIC	IA2021	20.2	25.5	34.0	---	22.9	26.6	---	106	152	155	---	8/26	1.0	22
PUBLIC	IA3010	25.6	25.2	34.4	---	25.4	28.4	---	134	150	157	---	8/27	1.0	23
PUBLIC	K1370	15.1	---	20.8	---	---	---	---	79	---	95	---	9/3	1.4	34
PUBLIC	K1380	16.9	15.8	23.0	---	16.3	18.6	---	88	94	105	---	9/5	1.0	30
PUBLIC	K1410	18.5	16.4	---	---	17.4	---	---	97	97	---	---	9/3	1.0	30
PUBLIC	K1444	19.2	---	---	---	---	---	---	101	---	---	---	9/1	1.1	30
PUBLIC	K1454	15.6	---	---	---	---	---	---	82	---	---	---	9/5	1.8	31
PUBLIC	K1457	15.3	---	---	---	---	---	---	80	---	---	---	9/3	1.0	30
PUBLIC	K1459	22.5	---	---	---	---	---	---	118	---	---	---	9/5	1.0	34
PUBLIC	WILLIAMS 82	11.5	13.4	14.0	28.8	12.5	13.0	16.9	60	80	64	68	9/2	1.0	32
WILSON	3700	21.4	---	---	---	---	---	---	112	---	---	---	9/1	1.0	32
TEST AVERAGES		19.1	16.8	21.9	42.6										
LSD (.10)		3.0	4.5	2.2	6.9										

TABLE 9. STAFFORD COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
ADVANCED GENETICS	AG4188 STS	42.4	---	43.0	---	---	---	---	94	---	109	---	9/22	1.5	34
ASGROW	A3834	44.5	---	---	---	---	---	---	98	---	---	---	9/26	1.3	31
DEKALB	CX400	53.7	46.1	39.7	---	49.9	46.5	---	119	104	100	---	9/27	1.0	32
DELTAPINE	DP 3478	52.2	51.1	39.2	---	51.7	47.5	---	115	115	99	---	9/27	1.5	37
DELTAPINE	DP 4748S	49.7	---	---	---	---	---	---	110	---	---	---	9/29	1.5	40
DELTAPINE	DP 4909	49.2	39.6	---	---	44.4	---	---	109	89	---	---	10/1	1.8	38
DYNA-GRO	DG-3395	48.9	46.3	---	40.9	47.6	---	---	108	104	---	91	9/24	1.5	29
DYNA-GRO	DG-3402STS	42.8	41.3	---	---	42.0	---	---	95	93	---	---	9/18	1.8	32
GARST	D398	50.0	50.6	43.4	47.2	50.3	48.0	47.8	111	114	110	106	9/25	1.0	33
HOEGEMEYER	379	52.3	49.3	---	---	50.8	---	---	116	111	---	---	9/26	1.5	35
K-SOY	KS3494	32.7	44.4	41.2	41.9	38.5	39.4	40.0	72	100	104	94	9/17	1.5	31
K-SOY	KS4694	48.8	48.9	34.8	43.3	48.8	44.2	43.9	108	110	88	97	9/25	1.8	36
K-SOY	MACON	39.7	40.7	41.4	47.0	40.2	40.6	42.2	88	92	105	105	9/16	2.0	33
K-SOY	STRESSLAND	41.2	50.5	38.0	49.9	45.9	43.2	44.9	91	114	96	112	9/22	1.8	35
MIDLAND	8431	47.0	---	39.4	---	---	---	---	104	---	99	---	9/25	1.3	32
MIDLAND	9A350	47.7	42.9	---	---	45.3	---	---	106	97	---	---	9/18	1.5	32
MIDLAND	9A401STS	35.2	---	---	---	---	---	---	78	---	---	---	9/20	1.8	31
MIDWEST SEED	G 3644S	44.3	---	---	---	---	---	---	98	---	---	---	9/22	2.0	36
MIDWEST SEED	G 3996	44.3	---	---	49.4	---	---	---	98	---	---	111	9/23	1.0	34
NC+	4N26	58.1	---	---	---	---	---	---	129	---	---	---	9/25	1.0	34
PIONEER	93B53 *	35.2	39.2	---	---	37.2	---	---	78	88	---	---	9/18	1.5	29
PIONEER	93B82	43.3	48.9	46.9	43.2	46.1	46.4	45.6	96	110	118	97	9/21	1.8	32
PIONEER	93B84 *	44.1	---	---	---	---	---	---	98	---	---	---	9/19	1.3	32
PIONEER	94B01	39.2	---	---	---	---	---	---	87	---	---	---	9/20	1.5	38
PUBLIC	HS93-4118	35.1	42.2	42.4	---	38.6	39.9	---	78	95	107	---	9/17	1.3	31
PUBLIC	IA2021	19.9	33.5	34.9	---	26.7	29.4	---	44	76	88	---	9/13	1.5	27
PUBLIC	IA3010	35.9	41.7	47.7	---	38.8	41.8	---	79	94	120	---	9/18	1.0	26
PUBLIC	K1370	35.2	---	37.1	---	---	---	---	78	---	94	---	9/21	1.3	34
PUBLIC	K1380	48.4	48.8	39.9	---	48.6	45.7	---	107	110	101	---	9/23	1.3	34
PUBLIC	K1410	44.8	45.5	---	---	45.2	---	---	99	103	---	---	9/26	1.0	30
PUBLIC	K1444	38.9	---	---	---	---	---	---	86	---	---	---	9/24	1.5	37
PUBLIC	K1454	52.6	---	---	---	---	---	---	116	---	---	---	9/23	1.8	37
PUBLIC	K1457	51.6	---	---	---	---	---	---	114	---	---	---	9/25	1.0	33
PUBLIC	K1459	58.7	---	---	---	---	---	---	130	---	---	---	9/25	1.8	34
PUBLIC	WILLIAMS 82	46.7	47.4	34.2	35.6	47.1	42.8	41.0	103	107	86	80	9/23	1.8	36
STINE	3870-0	47.7	---	---	---	---	---	---	106	---	---	---	9/22	1.5	33
STINE	3950-0	48.7	---	---	---	---	---	---	108	---	---	---	9/25	1.3	30
STINE	4702-2	49.1	---	---	---	---	---	---	109	---	---	---	9/28	1.8	41
STINE	4790	49.0	---	---	---	---	---	---	108	---	---	---	9/30	1.8	35
US SEEDS	US E371	53.8	---	---	---	---	---	---	119	---	---	---	9/19	1.0	37
US SEEDS	US E421	49.2	---	---	---	---	---	---	109	---	---	---	9/21	1.3	32
US SEEDS	US E471	50.7	---	---	---	---	---	---	112	---	---	---	9/29	2.0	40
US SEEDS	US S350	39.8	---	---	---	---	---	---	88	---	---	---	9/16	1.5	29
WILSON	3700	44.6	---	---	---	---	---	---	99	---	---	---	9/20	1.0	36
TEST AVERAGES		45.2	44.4	39.6	44.7										
LSD (.10)		10.0	7.2	7.2	6.4										

TABLE 10. THOMAS COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1997-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT -----2000-----	LODGING SCORE	HT IN
		2000	1999	1998	1997	2-Yr	3-Yr	4-Yr	2000	1999	1998	1997			
MATURITY GROUPS II-IV															
DYNA-GRO	DG-3336	39.1	---	---	---	---	---	---	79	---	---	---	9/27	1.0	28
K-SOY	KS3494	49.6	77.2	66.2	73.0	63.4	64.3	66.5	101	107	103	104	9/26	1.0	30
K-SOY	KS4694	52.8	70.6	70.6	77.3	61.7	64.6	67.8	107	98	110	110	10/3	1.0	35
K-SOY	MACON	45.4	69.2	63.6	77.9	57.3	59.4	64.0	92	96	99	111	9/27	1.0	27
K-SOY	STRESSLAND	48.6	72.5	65.0	74.8	60.6	62.1	65.2	99	101	101	106	10/1	1.0	34
MIDLAND	9A350	52.6	72.2	---	---	62.4	---	---	107	100	---	---	9/26	1.0	29
PIONEER	93B35	42.6	---	---	---	---	---	---	87	---	---	---	9/28	1.0	27
PIONEER	93B53 *	52.2	84.4	---	---	68.3	---	---	106	117	---	---	9/30	1.0	29
PIONEER	93B84 *	50.1	---	---	---	---	---	---	102	---	---	---	9/30	1.0	30
PUBLIC	HS93-4118	44.0	78.8	66.8	---	61.4	63.2	---	89	110	104	---	9/29	1.0	29
PUBLIC	IA2021	41.0	54.7	58.4	---	47.8	51.3	---	83	76	91	---	9/16	1.0	24
PUBLIC	IA3010	44.5	74.2	67.3	---	59.4	62.0	---	90	103	105	---	9/27	1.0	27
PUBLIC	K1370	49.7	---	58.5	---	---	---	---	101	---	91	---	10/1	1.0	34
PUBLIC	K1380	58.5	70.0	68.8	---	64.3	65.8	---	119	97	107	---	10/2	1.0	33
PUBLIC	K1410	47.3	75.9	---	---	61.6	---	---	96	106	---	---	10/1	1.0	31
PUBLIC	K1444	60.1	---	---	---	---	---	---	122	---	---	---	10/2	1.8	32
PUBLIC	K1454	52.4	---	---	---	---	---	---	107	---	---	---	10/3	1.3	35
PUBLIC	K1457	48.7	---	---	---	---	---	---	99	---	---	---	10/1	1.0	31
PUBLIC	K1459	53.6	---	---	---	---	---	---	109	---	---	---	10/2	1.3	34
PUBLIC	WILLIAMS 82	47.8	59.4	54.5	60.4	53.6	53.9	55.5	97	83	85	86	10/1	1.0	36
US SEEDS	US E371	49.2	---	---	---	---	---	---	100	---	---	---	9/30	1.0	32
US SEEDS	US E421	54.0	---	---	---	---	---	---	110	---	---	---	10/1	1.0	33
US SEEDS	US S350	48.8	---	---	---	---	---	---	99	---	---	---	9/26	1.0	29
TEST AVERAGES		49.2	71.9	64.4	70.4										
LSD (.10)		5.8	6.5	5.5	6.3										

TABLE 11. FINNEY COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1996-2000.

BRAND	NAME	YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				LODGING HT SCORE IN	
		2000	1998	1997	1996	2-Yr	3-Yr	4-Yr	2000	1998	1997	1996	---2000---	----
MATURITY GROUPS II-IV														
GARST	D308	34.1	---	---	---	---	---	---	63	---	---	---	1.0	24
K-SOY	KS3494	53.8	40.3	57.7	57.2	47.0	50.6	52.2	100	99	110	112	1.0	28
K-SOY	KS4694	48.8	37.8	44.7	47.8	43.3	43.8	44.8	91	93	85	93	1.0	39
K-SOY	MACON	58.0	35.6	60.7	50.9	46.8	51.4	51.3	108	87	116	99	1.0	26
K-SOY	STRESSLAND	53.8	43.4	60.4	54.7	48.6	52.5	53.1	100	107	116	107	1.0	32
MIDLAND	8393	62.8	43.3	39.5	56.8	53.1	48.6	50.6	117	106	76	111	1.0	37
MIDLAND	8431	60.4	51.1	---	---	55.7	---	---	112	126	---	---	1.0	35
MIDLAND	9A401STS	53.1	---	---	---	---	---	---	99	---	---	---	1.0	29
MIDWEST SEED	G 3644S	56.1	---	---	---	---	---	---	104	---	---	---	1.0	35
MIDWEST SEED	G 3996	53.6	---	66.9	51.1	---	---	---	99	---	128	100	1.0	30
PIONEER	93B53 *	61.6	---	---	---	---	---	---	114	---	---	---	1.0	29
PIONEER	93B84 *	52.9	---	---	---	---	---	---	98	---	---	---	1.0	30
PIONEER	94B01	61.5	49.8	---	---	55.7	---	---	114	122	---	---	1.0	30
PUBLIC	HS93-4118	44.3	45.5	---	---	44.9	---	---	82	112	---	---	1.0	26
PUBLIC	IA2021	40.5	31.6	---	---	36.1	---	---	75	78	---	---	1.0	26
PUBLIC	IA3010	68.0	39.1	---	---	53.5	---	---	126	96	---	---	1.0	24
PUBLIC	K1370	65.6	41.4	---	---	53.5	---	---	122	102	---	---	1.0	33
PUBLIC	K1380	54.9	42.4	---	---	48.7	---	---	102	104	---	---	1.0	35
PUBLIC	K1410	75.6	---	---	---	---	---	---	140	---	---	---	1.0	29
PUBLIC	K1444	43.2	---	---	---	---	---	---	80	---	---	---	1.0	33
PUBLIC	K1454	60.4	---	---	---	---	---	---	112	---	---	---	1.0	37
PUBLIC	K1457	16.4	---	---	---	---	---	---	30	---	---	---	1.0	25
PUBLIC	K1459	71.9	---	---	---	---	---	---	133	---	---	---	1.0	32
PUBLIC	WILLIAMS 82	42.0	41.4	38.8	55.7	41.7	40.7	44.5	78	102	74	109	1.0	33
TEST AVERAGES		53.9	40.7	52.3	51.3									
LSD (.10)		11.6	13.0	9.6	5.7									

TABLE 12. SUMNER COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1998-2000.

BRAND	NAME	YIELD			YIELD AS % OF		MAT	LODGING	HT
		(Bu/A)			TEST AVERAGE				
		2000	1998	2-Yr	2000	1998		SCORE	IN
MATURITY GROUPS II-IV									
ADVANCED GENETICS	AG4188 STS	19.7	---	---	97	---	9/3	1.0	30
ASGROW	AG3702 *	21.8	15.8	18.8	107	104	9/1	1.0	31
ASGROW	AG4301 *	18.2	---	---	89	---	9/8	1.0	33
ASGROW	AG4403 *	15.7	---	---	77	---	9/9	1.0	32
DEKALB	CX391RR *	21.4	---	---	105	---	9/4	1.0	30
DEKALB	CX444cRR *	17.9	---	---	88	---	9/9	1.0	34
DEKALB	DKB38-51 *	23.3	---	---	114	---	9/2	1.0	30
DYNA-GRO	DG-3395	24.0	13.9	18.9	118	91	9/0	1.0	29
DYNA-GRO	DG-3402STS	23.6	13.5	18.6	116	89	9/3	1.0	33
GARST	D445/N	20.5	---	---	100	---	8/28	1.0	27
K-SOY	KS3494	22.4	14.3	18.4	110	94	8/28	1.0	28
K-SOY	KS4694	16.3	15.8	16.0	80	104	9/7	1.0	39
K-SOY	MACON	23.8	13.5	18.7	117	89	8/29	1.0	28
K-SOY	STRESSLAND	21.2	14.3	17.8	104	94	9/4	1.0	35
MIDLAND	8371	19.5	15.7	17.6	96	103	9/1	1.0	31
MIDLAND	8393	16.4	16.2	16.3	80	107	9/5	1.0	35
MIDLAND	8431	14.3	21.1	17.7	70	139	9/4	1.0	33
MIDLAND	9A350	24.0	14.0	19.0	118	92	8/29	1.0	30
MIDLAND	9A401STS	23.4	---	---	115	---	9/2	1.0	30
MYCOGEN	5404	23.0	---	---	113	---	8/29	1.0	31
NC+	4N45STS	18.6	---	---	91	---	9/6	1.0	34
PIONEER	93B82	25.3	15.1	20.2	124	99	8/28	1.0	29
PIONEER	93B84 *	23.2	---	---	114	---	9/2	1.0	33
PIONEER	94B01	21.6	---	---	106	---	9/2	1.0	34
PUBLIC	FLYER	20.3	16.5	18.4	100	108	9/4	1.0	30
PUBLIC	HS93-4118	25.1	13.3	19.2	123	87	8/29	1.0	27
PUBLIC	IA2021	21.9	14.4	18.1	107	95	8/27	1.0	24
PUBLIC	IA3010	28.7	13.7	21.2	141	90	8/24	1.0	24
PUBLIC	K1370	20.5	---	---	100	---	9/4	1.0	33
PUBLIC	K1380	20.8	15.3	18.0	102	100	9/5	1.0	31
PUBLIC	K1410	22.3	15.5	18.9	109	102	9/2	1.0	30
PUBLIC	K1444	20.5	---	---	100	---	9/1	1.0	33
PUBLIC	K1454	17.0	---	---	83	---	9/4	1.0	36
PUBLIC	K1457	19.6	---	---	96	---	9/0	1.0	29
PUBLIC	K1459	20.5	---	---	100	---	9/5	1.0	34
PUBLIC	WILLIAMS 82	15.6	14.6	15.1	76	96	9/6	1.0	37
WILLCROSS	RR2399N *	21.6	---	---	106	---	9/2	1.0	36
WILLCROSS	RR2449N *	17.8	18.7	18.3	87	123	9/8	1.0	36
WILLCROSS	RR2467N *	11.3	15.6	13.4	55	103	9/7	1.0	39
WILLCROSS	RR2469N *	19.2	---	---	94	---	9/6	1.0	38
WILLCROSS	RR2490N *	13.7	---	---	67	---	9/9	1.0	39
TEST AVERAGES		20.4	15.2						
LSD (.10)		2.2	3.5						

TABLE 13. ELLIS COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1998-2000.

BRAND	NAME	YIELD (Bu/A)			YIELD AS % OF TEST AVERAGE		LODGING SCORE	HT IN
		2000	1998	2-Yr	2000	1998		
MATURITY GROUPS II-IV								
ASGROW	AG3003 *	9.7	---	---	89	---	1	21
ASGROW	AG3302 *	11.4	---	---	105	---	1	26
ASGROW	AG3702 *	11.6	---	---	106	---	1	23
DEKALB	DKB28-51 *	10.4	---	---	95	---	1	23
DEKALB	DKB31-51 *	8.6	---	---	79	---	1	23
DEKALB	DKB38-51 *	10.8	---	---	99	---	1	20
DYNA-GRO	DG-3336	8.8	---	---	81	---	1	21
K-SOY	KS3494	9.9	27.6	18.7	91	114	1	22
K-SOY	KS4694	11.6	26.6	19.1	106	110	1	24
K-SOY	MACON	10.7	20.2	15.4	98	84	1	22
K-SOY	STRESSLAND	10.7	22.8	16.7	98	94	1	23
MIDLAND	8393	12.1	16.4	14.3	111	68	1	27
MIDLAND	9A350	9.8	---	---	90	---	1	23
PIONEER	9294	11.0	31.7	21.4	101	132	1	21
PIONEER	93B35	10.0	---	---	92	---	1	21
PIONEER	93B84 *	13.8	---	---	127	---	1	25
PUBLIC	HS93-4118	9.7	23.5	16.6	89	98	1	20
PUBLIC	IA2021	8.6	25.6	17.1	79	106	1	19
PUBLIC	IA3010	11.5	28.1	19.8	106	116	1	19
PUBLIC	K1370	9.1	21.0	15.0	83	87	1	25
PUBLIC	K1380	11.0	25.3	18.2	101	105	1	25
PUBLIC	K1410	13.7	---	---	126	---	1	21
PUBLIC	K1444	13.4	---	---	123	---	1	23
PUBLIC	K1454	12.3	---	---	113	---	1	24
PUBLIC	K1457	11.7	---	---	107	---	1	22
PUBLIC	K1459	10.0	---	---	92	---	1	24
PUBLIC	WILLIAMS 82	10.6	14.6	12.6	97	60	1	25
WILLCROSS	9640	12.7	---	---	117	---	1	24
WILLCROSS	9738	12.3	---	---	113	---	1	20
WILLCROSS	RR2351 *	9.0	---	---	83	---	1	22
WILLCROSS	RR2388N *	10.6	---	---	97	---	1	24
WILLCROSS	RR2397 *	12.6	---	---	116	---	1	25
WILLCROSS	RR2399N *	10.6	---	---	97	---	1	28
WILLCROSS	RR2439 *	11.9	---	---	109	---	1	25
TEST AVERAGES		10.9	24.1					
LSD (.10)		1.0	1.6					

TABLE 14. BROWN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000.

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
MATURITY GROUPS II-IV												
ADVANCED GENETICS	AG3797RR *	24.4	41.5	52.7	33.0	39.5	113	118	103	9/18	1.3	34
ADVANCED GENETICS	AG4012RR *	20.2	---	---	---	---	94	---	---	9/25	1.0	34
ADVANCED GENETICS	AG4442RR *	18.9	---	---	---	---	88	---	---	9/30	1.3	33
AGRIPRO	3792RR/N *	20.3	---	---	---	---	94	---	---	9/17	1.3	32
AGRIPRO	4004RR/N *	22.9	---	---	---	---	107	---	---	9/24	1.3	36
ASGROW	AG3302 *	27.1	38.2	51.4	32.7	38.9	126	108	100	9/11	1.0	31
ASGROW	AG3701 *	22.4	36.5	57.0	29.5	38.7	104	104	111	9/20	1.0	34
ASGROW	AG3702 *	23.6	---	---	---	---	110	---	---	9/18	1.0	32
CROPLAN GENETICS	370RR *	22.3	28.3	---	25.3	---	104	80	---	9/18	1.0	30
CROPLAN GENETICS	RC3838 *	18.8	---	---	---	---	87	---	---	9/21	1.0	32
DEKALB	DKB35-51 *	24.3	---	---	---	---	113	---	---	9/18	1.0	31
DEKALB	DKB36-51 *	19.3	---	---	---	---	90	---	---	9/22	1.0	32
DEKALB	DKB38-51 *	20.9	---	---	---	---	97	---	---	9/18	1.0	31
DELTAKING	XTJ584RR *	19.5	---	---	---	---	91	---	---	10/6	1.0	36
DPMS	3801RR *	23.5	---	---	---	---	109	---	---	9/18	1.0	34
DPMS	4401RR *	21.3	---	---	---	---	99	---	---	9/30	1.0	34
DYNA-GRO	DG-3370RR *	20.7	36.0	---	28.4	---	96	102	---	9/14	1.0	33
DYNA-GRO	DG-3373NRR *	18.9	---	---	---	---	88	---	---	9/22	1.0	32
DYNA-GRO	DG-3388RR *	23.2	36.5	52.0	29.8	37.2	108	103	101	9/18	1.0	35
DYNA-GRO	DG-3399RR *	22.5	---	---	---	---	105	---	---	9/18	1.0	29
FONTANELLE	415RR *	19.1	---	---	---	---	89	---	---	10/2	1.0	32
FONTANELLE	9973RR *	16.7	---	---	---	---	78	---	---	9/17	1.0	32
GARST	D355RR *	26.1	40.4	---	33.3	---	121	115	---	9/13	1.0	32
GARST	D370RR *	22.0	37.9	---	30.0	---	102	107	---	9/17	1.0	35
GOLDEN HARVEST	H-3848RR *	14.8	---	---	---	---	69	---	---	9/21	1.0	35
GOLDEN HARVEST	H-4122RR *	21.0	---	---	---	---	98	---	---	9/22	1.0	31
LEWIS	3717RR *	24.5	---	---	---	---	114	---	---	9/19	1.3	30
LEWIS	3876RR *	20.2	---	---	---	---	94	---	---	9/22	1.0	34
LEWIS	4228RR *	23.9	---	---	---	---	111	---	---	10/2	1.0	32
LEWIS	4392RR *	16.9	41.1	---	29.0	---	79	116	---	9/26	1.7	32
M-PRIDE	MPV350NRR *	20.6	---	---	---	---	96	---	---	9/23	1.0	31
M-PRIDE	MPV398NRR *	16.4	31.2	---	23.8	---	76	88	---	9/20	1.0	30
M-PRIDE	MPV437NRR *	23.1	35.6	---	29.4	---	107	101	---	10/2	1.0	28
MIDLAND	8382RR *	21.6	39.3	52.9	30.5	37.9	100	111	103	9/19	1.0	34
MIDLAND	8390RR(N) *	19.9	34.5	---	27.2	---	93	98	---	9/22	1.0	36
MIDLAND	9A380RR *	16.8	39.3	---	28.1	---	78	111	---	9/18	1.3	31
MIDLAND	9G380RR/STS *	25.4	---	---	---	---	118	---	---	9/19	1.0	33
MIDLAND	XA351NRR *	18.9	---	---	---	---	88	---	---	9/19	1.0	35
MIDLAND	XA371NRR *	14.7	---	---	---	---	68	---	---	9/22	1.0	33
MIDLAND	XA411NRR *	23.8	---	---	---	---	111	---	---	10/3	1.0	34
MIDWEST SEED	G 3060R *	18.5	---	---	---	---	86	---	---	9/10	1.0	29
MIDWEST SEED	G 3245R *	19.8	---	---	---	---	92	---	---	9/11	1.7	30
MIDWEST SEED	G 3525R *	24.0	---	---	---	---	112	---	---	9/14	1.3	32
MIDWEST SEED	G 3625RN *	18.3	---	---	---	---	85	---	---	9/15	1.0	31
MIDWEST SEED	G 3745R *	24.3	---	---	---	---	113	---	---	9/18	1.3	34
MIDWEST SEED	G 3925RN *	21.7	---	---	---	---	101	---	---	9/18	1.7	35
MIDWEST SEED	G 4500RN *	24.8	---	---	---	---	115	---	---	10/2	1.7	35
MYCOGEN/ATLAS	5370RR *	18.4	---	---	---	---	86	---	---	9/19	1.0	30
MYCOGEN/ATLAS	5441NRR *	19.5	33.5	---	26.5	---	91	95	---	9/30	1.0	32
NC+	3A99RR *	21.9	36.8	---	29.4	---	102	104	---	9/18	1.0	30
NC+	4A29RR *	16.8	42.2	---	29.5	---	78	120	---	10/2	1.0	32
NK	S30-P6 *	22.4	23.0	---	22.7	---	104	65	---	9/8	1.3	28
NK	S34-B2 *	24.9	28.5	---	26.7	---	116	81	---	9/15	1.0	32
NK	X039R *	25.4	---	---	---	---	118	---	---	9/19	1.0	31
PRAIRIE BRAND	PB-3410RR *	20.3	---	---	---	---	94	---	---	9/12	1.0	27
PRAIRIE BRAND	PB-3770RR *	24.8	36.0	---	30.4	---	115	102	---	9/14	1.0	33
PRAIRIE BRAND	PB-3927RR *	23.5	---	---	---	---	109	---	---	9/16	1.7	30
PRAIRIE BRAND	PB-4100RR *	23.4	41.9	---	32.6	---	109	119	---	9/20	1.3	32
STINE	3763-4 *	17.9	---	---	---	---	83	---	---	9/15	1.0	30
STINE	3800-4 *	24.2	---	---	---	---	113	---	---	9/18	1.0	31

(CONTINUED)

TABLE 14. BROWN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000. (CONTINUED)

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
TAYLOR	370RR *	24.0	---	53.4	---	---	112	---	104	9/19	1.0	33
TAYLOR	388RR *	21.6	---	---	---	---	100	---	---	9/17	1.0	31
TAYLOR	EXP T37A07RR *	18.8	---	---	---	---	87	---	---	9/18	1.0	31
TRIUMPH	TR3939RR *	26.8	34.8	50.5	30.8	37.4	125	99	99	9/19	1.7	37
US SEEDS	US E3401RR *	23.7	---	---	---	---	110	---	---	9/13	1.7	30
US SEEDS	US E3701RR *	17.0	---	---	---	---	79	---	---	9/26	1.0	31
US SEEDS	US S3909RR *	29.7	40.9	---	35.3	---	138	116	---	9/21	1.7	30
US SEEDS	US S4200RR *	22.4	---	---	---	---	104	---	---	9/28	1.7	39
US SEEDS	US S4409RR *	19.9	36.0	---	28.0	---	93	102	---	9/30	2.0	37
US SEEDS	US S4809RR *	18.2	33.8	---	26.0	---	85	96	---	10/4	1.0	35
WILLCROSS	RR2300 *	20.4	31.9	---	26.2	---	95	90	---	9/9	1.3	29
WILLCROSS	RR2320N *	24.8	32.0	---	28.4	---	115	91	---	9/14	1.0	33
WILLCROSS	RR2338 *	20.8	30.1	54.0	25.5	35.0	97	85	105	9/15	1.3	32
WILLCROSS	RR2350 *	20.0	39.7	---	29.8	---	93	112	---	9/16	1.3	33
WILLCROSS	RR2351 *	23.8	---	---	---	---	111	---	---	9/15	1.3	31
WILLCROSS	RR2368 *	25.9	35.3	53.4	30.6	38.2	120	100	104	9/18	1.3	34
WILLCROSS	RR2370 *	25.1	---	---	---	---	117	---	---	9/20	1.0	30
WILLCROSS	RR2371N *	22.8	---	---	---	---	106	---	---	9/19	1.0	31
WILLCROSS	RR2390 *	22.4	---	---	---	---	104	---	---	9/18	1.0	32
WILLCROSS	RR2399N *	16.9	---	---	---	---	79	---	---	9/24	1.3	36
WILSON	3780RR/SCN	20.8	---	---	---	---	97	---	---	9/22	1.0	34
TEST AVERAGES		21.5	35.3	51.2								
LSD (.10)		4.2	4.7	4.1								

TABLE 15. SHAWNEE COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1998-2000.

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
MATURITY GROUPS II-IV												
ADVANCED GENETICS	AG3400RR *	46.3	---	---	---	---	117	---	---	9/12	3.0	37
ADVANCED GENETICS	AG3797RR *	34.2	66.2	61.7	50.2	54.0	86	103	102	9/18	2.3	45
ADVANCED GENETICS	AG3800RR *	39.9	---	---	---	---	101	---	---	9/17	2.3	41
ADVANCED GENETICS	AG4012RR *	37.0	---	---	---	---	93	---	---	9/19	1.3	46
ASGROW	AG3302 *	41.3	65.1	---	53.2	---	104	101	---	9/12	1.7	43
ASGROW	AG3701 *	41.0	64.2	---	52.6	---	103	100	---	9/15	1.7	40
ASGROW	AG3702 *	42.5	---	---	---	---	107	---	---	9/13	1.0	41
ASGROW	AG4301 *	40.2	64.0	---	52.1	---	101	100	---	9/26	1.0	42
CROPLAN GENETICS	370RR *	28.3	---	---	---	---	71	---	---	9/16	1.7	41
CROPLAN GENETICS	RC3838 *	39.5	---	---	---	---	99	---	---	9/15	1.0	41
DAIRYLAND	DSR-381RR *	47.0	---	---	---	---	118	---	---	9/17	2.3	41
DAIRYLAND	DSR-421RR *	33.0	---	---	---	---	83	---	---	9/25	1.0	46
DEKALB	CX444cRR *	36.3	63.7	---	50.0	---	91	99	---	9/22	1.7	45
DEKALB	DKB36-51 *	44.6	---	---	---	---	112	---	---	9/16	1.7	42
DELTAKING	XTJ584RR *	36.0	---	---	---	---	91	---	---	9/26	2.0	46
DPMS	3801RR *	44.0	---	---	---	---	111	---	---	9/17	2.3	45
DPMS	4401RR *	35.4	---	---	---	---	89	---	---	9/23	1.3	47
DYNA-GRO	DG-3370RR *	43.9	55.7	---	49.8	---	111	87	---	9/18	1.7	47
DYNA-GRO	DG-3373NRR *	30.5	---	---	---	---	77	---	---	9/17	1.7	41
DYNA-GRO	DG-3388RR *	36.2	57.0	69.1	46.6	54.1	91	89	114	9/17	1.0	44
DYNA-GRO	DG-3399RR *	41.7	---	---	---	---	105	---	---	9/18	1.7	42
DYNA-GRO	DG-3401NRR *	41.4	61.9	---	51.7	---	104	96	---	9/14	1.7	47
DYNA-GRO	DG-3442NRR *	39.5	65.5	---	52.5	---	99	102	---	9/24	1.0	48
GARST	D355RR *	36.6	71.2	---	53.9	---	92	111	---	9/16	1.0	45
GARST	D370RR *	35.7	63.3	---	49.5	---	90	98	---	9/17	2.3	47

(CONTINUED)



TABLE 15. SHAWNEE COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1998-2000. (CONTINUED)

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT LODGING SCORE	HT IN	
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
GARST	D370RR *	35.7	63.3	---	49.5	---	90	98	---	9/17	2.3	47
GARST	D381RR/STS *	45.1	---	---	---	---	114	---	---	9/17	3.0	41
GARST	D399RR/N *	38.2	62.0	---	50.1	---	96	97	---	9/19	1.7	45
GARST	D437RR/N *	38.8	68.5	---	53.7	---	98	107	---	9/24	1.7	48
GOLDEN HARVEST	H-3848RR *	38.0	---	---	---	---	96	---	---	9/18	1.7	44
GOLDEN HARVEST	H-4122RR *	39.2	---	---	---	---	99	---	---	9/19	1.0	44
M-PRIDE	MPV350NRR *	35.6	---	---	---	---	90	---	---	9/15	3.0	43
M-PRIDE	MPV398NRR *	38.1	---	---	---	---	96	---	---	9/18	1.7	41
M-PRIDE	MPV437NRR *	43.3	---	---	---	---	109	---	---	9/19	1.0	42
M-PRIDE	MPV457NRR *	48.7	---	---	---	---	123	---	---	9/28	3.0	45
MFA MORSOY	RT 3549 *	45.0	---	---	---	---	113	---	---	9/8	1.7	43
MFA MORSOY	RT 3739 *	40.2	---	---	---	---	101	---	---	9/17	2.3	43
MFA MORSOY	RT 4478SCN *	39.6	---	---	---	---	100	---	---	9/22	2.0	41
MIDLAND	8382RR *	39.6	64.0	58.9	51.8	54.2	100	100	97	9/18	2.3	45
MIDLAND	8390RR(N) *	32.3	75.3	65.4	53.8	57.7	81	117	108	9/17	2.3	44
MIDLAND	8411BRR *	43.0	60.0	---	51.5	---	108	93	---	9/19	1.7	46
MIDLAND	9A380RR *	41.9	65.4	---	53.6	---	106	102	---	9/18	2.3	44
MIDLAND	9G380RR/STS *	45.8	---	---	---	---	115	---	---	9/18	1.7	46
MIDLAND	XA351NRR *	42.4	---	---	---	---	107	---	---	9/15	2.3	47
MIDLAND	XA371NRR *	34.4	---	---	---	---	87	---	---	9/13	1.7	40
MIDWEST SEED	G 3925RN *	42.9	---	---	---	---	108	---	---	9/18	1.7	44
MIDWEST SEED	G 4500RN *	41.1	---	---	---	---	104	---	---	9/25	2.3	47
MYCOGEN/ATLAS	5370RR *	37.2	---	---	---	---	94	---	---	9/16	1.0	43
MYCOGEN/ATLAS	5441NRR *	41.2	68.7	---	55.0	---	104	107	---	9/24	1.7	49
NC+	3A99RR *	37.9	70.8	---	54.4	---	95	110	---	9/17	1.7	43
NC+	4A29RR *	33.6	65.4	---	49.5	---	85	102	---	9/20	2.3	42
NK	S42-M1 *	37.0	---	---	---	---	93	---	---	9/23	1.7	48
NK	X039R *	42.8	---	---	---	---	108	---	---	9/20	1.0	45
STINE	3503-4 *	46.6	75.1	---	60.9	---	117	117	---	9/12	1.7	36
STINE	3800-4 *	39.9	---	---	---	---	101	---	---	9/20	1.7	40
STINE	4001-4 *	44.8	69.6	---	57.2	---	113	108	---	9/19	1.7	45
STINE	4212-4 *	39.9	---	---	---	---	101	---	---	9/19	2.5	44
TAYLOR	388RR *	45.2	---	---	---	---	114	---	---	9/18	1.3	41
TAYLOR	394RR *	40.6	71.7	---	56.2	---	102	112	---	9/19	1.7	44
TRIUMPH	TR3939RR *	47.6	---	---	---	---	120	---	---	9/16	1.0	42
TRIUMPH	TR4319RR *	40.8	---	---	---	---	103	---	---	9/24	2.3	49
US SEEDS	US E3401RR *	41.5	---	---	---	---	105	---	---	9/8	1.3	40
US SEEDS	US E3701RR *	39.6	---	---	---	---	100	---	---	9/17	2.3	41
US SEEDS	US S3909RR *	37.8	---	---	---	---	95	---	---	9/20	2.7	42
US SEEDS	US S4200RR *	37.0	---	---	---	---	93	---	---	9/18	1.7	45
US SEEDS	US S4409RR *	43.8	---	---	---	---	110	---	---	9/27	1.0	47
US SEEDS	US S4809RR *	35.2	---	---	---	---	89	---	---	9/26	2.3	46
WILLCROSS	RR2388N *	38.1	58.6	---	48.3	---	96	91	---	9/14	3.0	43
WILLCROSS	RR2390 *	34.5	---	---	---	---	87	---	---	9/17	1.0	45
WILLCROSS	RR2397 *	32.1	66.7	60.8	49.4	53.2	81	104	100	9/19	2.0	45
WILLCROSS	RR2399N *	43.6	---	---	---	---	110	---	---	9/16	2.3	44
WILLCROSS	RR2430N *	34.9	---	---	---	---	88	---	---	9/22	1.0	50
TEST AVERAGES		39.7	64.3	60.6								
LSD (.10)		6.1	10.1	6.0								

TABLE 16. FRANKLIN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000.

BRAND	NAME	YIELD					YIELD AS % OF			MAT	LODGING	HT
		2000	1999	1998	2-Yr	3-Yr	TEST AVERAGE					
		(Bu/A)								SCORE		
							-----2000-----					
MATURITY GROUPS II-IV												
ADVANCED GENETICS	AG3797RR *	16.7	41.5	---	29.1	---	127	105	---	9/7	1.0	32
ADVANCED GENETICS	AG4012RR *	15.7	---	---	---	---	120	---	---	9/13	1.0	32
ADVANCED GENETICS	AG4333NRR *	12.2	---	43.5	---	---	93	---	99	9/11	1.0	33
ADVANCED GENETICS	AG4442RR *	10.5	---	---	---	---	80	---	---	9/8	1.0	31
ADVANCED GENETICS	AG4555RR *	11.6	---	---	---	---	89	---	---	9/16	1.0	32
ADVANCED GENETICS	AG4827RR *	10.6	---	---	---	---	81	---	---	9/13	1.0	34
ADVANCED GENETICS	AG5277 RR *	7.2	39.7	---	23.4	---	55	101	---	10/4	1.0	39
ASGROW	AG3702 *	16.2	---	---	---	---	124	---	---	9/8	1.0	27
ASGROW	AG4301 *	15.7	41.6	---	28.7	---	120	106	---	9/14	1.0	30
ASGROW	AG4602 *	12.2	---	---	---	---	93	---	---	9/11	1.0	30
CROPLAN GENETICS	480RR *	11.0	---	---	---	---	84	---	---	9/18	1.0	33
CROPLAN GENETICS	RC3838 *	11.8	---	---	---	---	90	---	---	9/8	1.0	31
CROPLAN GENETICS	RC4495 *	16.9	---	---	---	---	129	---	---	9/15	1.0	26
DEKALB	CX444cRR *	12.8	37.5	---	25.1	---	98	95	---	9/14	1.0	29
DEKALB	DKB38-51 *	16.1	---	---	---	---	123	---	---	9/5	1.0	28
DEKALB	DKB44-51 *	12.2	---	---	---	---	93	---	---	9/12	1.0	30
DELTAKING	XTJ584RR *	12.9	---	---	---	---	98	---	---	9/21	1.0	30
DELTAPINE	DP 4344RR *	9.6	---	36.5	---	---	73	---	83	9/23	1.0	40
DELTAPINE	DP 4690RR *	11.3	---	---	---	---	86	---	---	9/13	1.0	33
DELTAPINE	SG 498RR *	12.7	---	---	---	---	97	---	---	9/28	1.0	32
DPMS	3801RR *	12.9	---	---	---	---	98	---	---	9/6	1.0	30
DPMS	3901RR *	13.9	---	---	---	---	106	---	---	9/7	1.0	35
DPMS	4401RR *	9.9	---	---	---	---	76	---	---	9/8	1.0	29
DYNA-GRO	DG-3370RR *	15.4	42.2	---	28.8	---	118	107	---	9/6	1.0	31
DYNA-GRO	DG-3388RR *	17.0	38.4	50.0	27.7	35.1	130	98	113	9/6	1.0	33
DYNA-GRO	DG-3399RR *	15.6	---	---	---	---	119	---	---	9/6	1.0	27
DYNA-GRO	DG-3401NRR *	14.4	40.5	---	27.5	---	110	103	---	9/8	1.0	33
DYNA-GRO	DG-3442NRR *	13.9	43.4	---	28.6	---	106	110	---	9/10	1.0	32
DYNA-GRO	DG-3468NRR *	14.0	44.5	---	29.3	---	107	113	---	9/17	1.0	29
DYNA-GRO	DG-3484NRR *	11.2	---	---	---	---	85	---	---	9/16	1.0	34
GARST	D381RR/STS *	15.0	---	---	---	---	115	---	---	9/8	1.0	28
GARST	D399RR/N *	11.5	39.2	---	25.4	---	88	100	---	9/6	1.0	35
GARST	D437RR/N *	13.1	41.4	45.5	27.2	33.3	100	105	103	9/10	1.0	33
GARST	D484RR/N *	10.4	---	---	---	---	79	---	---	9/16	1.0	35
GARST	XR0044N01 *	11.4	---	---	---	---	87	---	---	9/9	1.0	29
GOLDEN HARVEST	H-3848RR *	13.4	---	---	---	---	102	---	---	9/7	1.0	35
GOLDEN HARVEST	H-4122RR *	15.0	---	---	---	---	115	---	---	9/6	1.0	32
HOEGEMEYER	409RR *	13.8	---	---	---	---	105	---	---	9/16	1.0	32
HOEGEMEYER	439RR *	11.1	---	---	---	---	85	---	---	9/17	1.0	28
M-PRIDE	MPV398NRR *	12.9	38.3	---	25.6	---	98	97	---	9/12	1.0	30
M-PRIDE	MPV457NRR *	12.9	34.1	---	23.5	---	98	87	---	9/14	1.0	32
MFA MORSOY	RT 3739 *	14.7	---	---	---	---	112	---	---	9/8	1.0	32
MFA MORSOY	RT 3967SCN *	13.1	---	---	---	---	100	---	---	9/10	1.0	32
MFA MORSOY	RT 4478SCN *	14.4	---	---	---	---	110	---	---	9/14	1.0	31
MIDLAND	8382RR *	16.1	---	---	---	---	123	---	---	9/6	1.0	31
MIDLAND	8394RR(N) *	13.8	43.3	43.7	28.6	33.6	105	110	99	9/8	1.0	31
MIDLAND	9A441NRR *	11.9	35.3	---	23.6	---	91	89	---	9/9	1.0	29
MIDLAND	9G380RR/STS *	14.3	---	---	---	---	109	---	---	9/7	1.0	27
MIDLAND	XA411NRR *	12.7	---	---	---	---	97	---	---	9/17	1.0	33
MIDWEST SEED	G 3925RN *	12.2	---	---	---	---	93	---	---	9/8	1.0	35
MIDWEST SEED	G 4500RN *	14.3	---	---	---	---	109	---	---	9/15	1.0	36
MYCOGEN/ATLAS	5370RR *	14.9	---	---	---	---	114	---	---	9/5	1.0	29
MYCOGEN/ATLAS	5441NRR *	9.8	43.1	---	26.5	---	75	109	---	9/9	1.0	27
NC+	3A99RR *	14.9	---	---	---	---	114	---	---	9/7	1.0	30
NC+	4A29RR *	15.0	41.5	---	28.2	---	115	105	---	9/12	1.0	31
NK	S42-M1 *	11.3	---	---	---	---	86	---	---	9/15	1.0	36
NK	S46-G2 *	10.8	---	---	---	---	82	---	---	9/16	1.0	35
PIONEER	93B51 *	16.3	---	---	---	---	124	---	---	9/5	1.0	30
PIONEER	93B84 *	12.1	---	---	---	---	92	---	---	9/6	1.0	31
STINE	3800-4 *	16.7	---	---	---	---	127	---	---	9/5	1.0	28

(CONTINUED)

TABLE 16. FRANKLIN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000. (CONTINUED)

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
STINE	4001-4 *	13.4	42.6	---	28.0	---	102	108	---	9/6	1.0	31
STINE	4212-4 *	14.6	---	---	---	---	111	---	---	9/13	1.0	31
TAYLOR	415RR *	12.2	41.4	46.5	26.8	33.4	93	105	106	9/17	1.0	32
TAYLOR	445RR *	14.2	45.4	---	29.8	---	108	115	---	9/11	1.0	36
TAYLOR	488RR *	11.4	---	---	---	---	87	---	---	9/18	1.0	34
TRIUMPH	TR3939RR *	13.8	39.8	46.9	26.8	33.5	105	101	106	9/7	1.0	38
TRIUMPH	TR4319RR *	10.9	40.5	---	25.7	---	83	103	---	9/15	1.0	34
WILLCROSS	RR2390 *	14.7	---	---	---	---	112	---	---	9/7	1.0	27
WILLCROSS	RR2397 *	13.5	39.6	43.6	26.6	32.2	103	101	99	9/10	1.0	30
WILLCROSS	RR2399N *	12.4	---	---	---	---	95	---	---	9/8	1.0	34
WILLCROSS	RR2420N *	12.3	---	---	---	---	94	---	---	9/16	1.0	32
WILLCROSS	RR2430N *	11.0	---	---	---	---	84	---	---	9/17	1.0	33
WILLCROSS	RR2439 *	12.6	---	---	---	---	96	---	---	9/16	1.0	30
WILLCROSS	RR2449N *	10.2	40.0	44.3	25.1	31.5	78	101	100	9/9	1.0	31
WILLCROSS	RR2469N *	14.9	38.6	---	26.8	---	114	98	---	9/15	1.0	38
TEST AVERAGES		13.1	39.4	44.1								
LSD (.10)		1.5	3.9	2.8								

TABLE 17. CHEROKEE COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000.

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
MATURITY GROUPS II-IV												
ADVANCED GENETICS	AG4333NRR *	10.5	---	---	---	---	77	---	---	10/4	1.0	19
ADVANCED GENETICS	AG4442RR *	11.4	---	---	---	---	83	---	---	10/5	1.0	22
ADVANCED GENETICS	AG4555RR *	18.1	---	---	---	---	132	---	---	10/7	1.0	23
ASGROW	AG4602 *	12.7	---	---	---	---	93	---	---	10/5	1.0	19
CROPLAN GENETICS	RC4495 *	14.0	---	---	---	---	102	---	---	10/5	1.0	18
DAIRYLAND	DSR-381RR *	12.8	23.3	---	18.1	---	93	91	---	10/1	1.0	18
DAIRYLAND	DSR-421RR *	16.7	28.1	---	22.4	---	122	110	---	10/5	1.0	21
DELTAPINE	DP 4344RR *	15.1	28.0	42.5	21.5	28.5	110	110	95	10/6	1.0	26
DELTAPINE	DP 4690RR *	14.0	28.0	---	21.0	---	102	110	---	10/7	1.0	23
DPMS	3801RR *	9.5	---	---	---	---	69	---	---	10/2	1.0	18
DPMS	4401RR *	10.8	---	---	---	---	79	---	---	10/5	1.0	21
DYNA-GRO	DG-3399RR *	11.5	---	---	---	---	84	---	---	10/2	1.0	16
DYNA-GRO	DG-3401NRR *	12.2	25.5	---	18.9	---	89	100	---	10/1	1.0	21
DYNA-GRO	DG-3442NRR *	16.5	23.7	---	20.1	---	120	93	---	10/5	1.0	22
DYNA-GRO	DG-3468NRR *	15.4	24.5	---	19.9	---	112	96	---	10/7	1.0	20
GARST	D437RR/N *	16.8	27.5	47.9	22.1	30.7	123	108	107	10/2	1.0	23
GARST	XR0044N01 *	13.7	---	---	---	---	100	---	---	10/5	1.0	21
M-PRIDE	MPV457NRR *	13.9	27.7	---	20.8	---	101	109	---	10/5	1.0	21
MFA MORSOY	RT 4478SCN *	13.7	---	---	---	---	100	---	---	10/6	1.0	20
MIDLAND	9A441NRR *	15.7	25.2	---	20.4	---	115	99	---	10/4	1.0	21
MIDWEST SEED	G 3925RN *	13.7	---	---	---	---	100	---	---	10/1	1.0	25
MIDWEST SEED	G 4500RN *	13.9	---	---	---	---	101	---	---	10/5	1.0	24
MYCOGEN/ATLAS	5441NRR *	14.3	27.9	---	21.1	---	104	109	---	10/5	1.0	22
NK	S46-G2 *	15.3	---	---	---	---	112	---	---	10/6	1.0	24
TAYLOR	466RR *	11.0	---	---	---	---	80	---	---	10/5	1.0	21
US SEEDS	US S4200RR *	15.2	---	---	---	---	111	---	---	10/2	1.0	23
US SEEDS	US S4409RR *	11.5	26.5	---	19.0	---	84	104	---	10/5	1.0	21
WILLCROSS	RR2449N *	12.2	26.1	48.9	19.2	29.1	89	102	110	10/5	1.0	22
WILLCROSS	RR2467N *	16.2	27.8	45.7	22.0	29.9	118	109	102	10/5	1.0	24
WILLCROSS	RR2469N *	15.3	28.7	---	22.0	---	112	113	---	10/5	1.0	23
TEST AVERAGES		13.7	25.5	44.6								
LSD (.10)		3.1	3.5	7.2								

(CONTINUED)

TABLE 17. CHEROKEE COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000. (CONTINUED)

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT SCORE	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
MATURITY GROUPS IVS-V												
ADVANCED GENETICS	AG4827RR *	15.4	---	---	---	---	90	---	---	F	1.0	20
ADVANCED GENETICS	AG5277 RR *	19.5	35.0	43.5	27.3	32.7	113	116	90	F	1.0	29
ASGROW	AG4902 *	15.8	---	---	---	---	92	---	---	10/7	1.0	19
ASGROW	AG5001 *	16.6	---	---	---	---	97	---	---	10/8	1.0	23
ASGROW	AG5501 *	17.9	---	---	---	---	104	---	---	F	1.0	29
CROPLAN GENETICS	480RR *	15.1	29.7	---	22.4	---	88	98	---	10/8	1.0	21
DEKALB	CX480cRR *	16.5	---	---	---	---	96	---	---	10/7	1.0	22
DEKALB	CX520cRR *	18.4	---	---	---	---	107	---	---	F	1.0	27
DELTAKING	XTJ584RR *	15.2	---	---	---	---	88	---	---	10/9	1.0	19
DELTAPINE	SG 498RR *	20.6	---	---	---	---	120	---	---	F	1.0	20
DYNA-GRO	DG-3484NRR *	14.5	---	---	---	---	84	---	---	10/7	1.0	21
DYNA-GRO	DG-3513NRR *	18.3	---	---	---	---	106	---	---	10/8	1.0	23
GARST	D529RR *	17.1	---	---	---	---	99	---	---	F	1.0	28
GOLDEN HARVEST	H-4813RR *	17.4	---	---	---	---	101	---	---	10/8	1.0	24
M-PRIDE	MPV519NRR	18.4	---	---	---	---	107	---	---	F	1.0	23
M-PRIDE	MPV537NRR *	17.7	30.8	---	24.3	---	103	102	---	F	1.0	25
MFA MORSOY	RT 4889N *	15.6	---	---	---	---	91	---	---	10/7	1.0	19
MIDLAND	8540RR *	16.9	34.7	51.1	25.8	34.2	98	115	105	F	1.0	24
MIDLAND	9A480NRR *	16.6	28.7	---	22.7	---	97	95	---	10/7	1.0	21
MIDLAND	9B480RR *	17.8	30.4	---	24.1	---	103	100	---	10/8	1.0	22
MIDLAND	9G480RR *	19.2	---	---	---	---	112	---	---	10/9	1.0	24
MIDLAND	XA541NRR *	20.0	---	---	---	---	116	---	---	F	1.0	25
MYCOGEN/ATLAS	5480NRR *	14.9	---	---	---	---	87	---	---	10/7	1.0	18
NC+	4N79RR *	16.9	27.7	---	22.3	---	98	92	---	10/7	1.0	21
NC+	5A45RR *	18.4	---	51.0	---	---	107	---	105	F	1.0	25
NK	S57-A4*	16.1	---	---	---	---	94	---	---	F	1.0	26
PIONEER	9492 *	17.8	---	---	---	---	103	---	---	10/6	1.0	21
PIONEER	95B32 *	16.1	---	---	---	---	94	---	---	F	1.0	22
PIONEER	95B53 *	17.4	---	---	---	---	101	---	---	F	1.0	24
TAYLOR	488RR *	16.9	31.4	---	24.2	---	98	104	---	10/7	1.0	21
TRIUMPH	TR4718RR *	15.0	28.0	---	21.5	---	87	93	---	10/6	1.0	24
TRIUMPH	TR4810RR *	16.3	---	---	---	---	95	---	---	10/8	1.0	20
TRIUMPH	TR5409RR *	19.3	32.2	49.7	25.8	33.8	112	107	103	F	1.0	25
US SEEDS	US S4809RR *	16.5	27.7	---	22.1	---	96	92	---	10/7	1.0	21
WILLCROSS	RR2480N*	18.5	31.1	---	24.8	---	108	103	---	10/9	1.0	22
WILLCROSS	RR2490N *	16.7	30.3	---	23.5	---	97	100	---	10/9	1.0	24
WILLCROSS	RR2517N *	16.2	30.9	54.0	23.5	33.7	94	102	111	F	1.0	27
WILLCROSS	RR2549N *	19.1	---	---	---	---	111	---	---	F	1.0	28
WILLCROSS	RR2580N *	18.2	---	---	---	---	106	---	---	F	1.0	26
TEST AVERAGES		17.2	30.2	48.5								
LSD (.10)		2.2	4.4	5.8								

F = plants frozen before reaching maturity.

TABLE 18. REPUBLIC COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1998-2000.

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
MATURITY GROUPS II-IV												
ADVANCED GENETICS	AG3400RR *	71.7	---	---	---	---	108	---	---	9/17	1.0	34
ADVANCED GENETICS	AG3797RR *	71.2	71.3	63.5	71.3	68.7	107	100	102	9/19	2.7	46
ADVANCED GENETICS	AG3800RR *	71.7	---	---	---	---	108	---	---	9/21	1.0	42
ADVANCED GENETICS	AG4012RR *	67.2	---	---	---	---	101	---	---	9/23	1.0	42
AGRIPRO	3083RR *	74.4	---	---	---	---	112	---	---	9/18	1.7	35
AGRIPRO	3510RR *	69.2	---	---	---	---	104	---	---	9/18	1.0	39
AGRIPRO	3792RR/N *	70.6	---	---	---	---	106	---	---	9/19	1.0	44
ASGROW	AG3003 *	59.2	70.5	---	64.9	---	89	98	---	9/16	2.3	43
ASGROW	AG3201 *	63.7	---	---	---	---	96	---	---	9/17	1.0	42
ASGROW	AG3302 *	74.6	76.5	66.1	75.5	72.4	113	107	106	9/16	1.0	43
CROPLAN GENETICS	370RR *	66.6	---	---	---	---	100	---	---	9/20	1.0	31
CROPLAN GENETICS	RT3557 *	72.0	---	---	---	---	109	---	---	9/18	1.0	40
DEKALB	DKB28-51 *	64.3	---	---	---	---	97	---	---	9/14	1.3	43
DEKALB	DKB31-51 *	74.6	---	---	---	---	113	---	---	9/17	1.0	39
DEKALB	DKB38-51 *	72.7	---	---	---	---	110	---	---	9/21	1.0	43
DYNA-GRO	DG-3370RR *	63.5	75.7	---	69.6	---	96	106	---	9/17	1.7	43
DYNA-GRO	DG-3373NRR *	62.9	---	---	---	---	95	---	---	9/17	1.0	40
DYNA-GRO	DG-3388RR *	63.8	73.4	---	68.6	---	96	103	---	9/20	1.3	45
GARST	D355RR *	67.1	71.9	---	69.5	---	101	100	---	9/18	1.0	44
GARST	D370RR *	52.4	70.1	---	61.2	---	79	98	---	9/19	1.0	34
GARST	D381RR/STS *	70.5	---	---	---	---	106	---	---	9/21	1.0	45
HOEGEMEYER	341RR *	71.0	---	---	---	---	107	---	---	9/17	1.0	40
HOEGEMEYER	409RR *	71.0	---	---	---	---	107	---	---	9/24	1.0	43
MIDLAND	8322RR *	65.8	71.4	73.3	68.6	70.2	99	100	117	9/16	1.0	33
MIDLAND	8382RR *	76.0	74.6	67.9	75.3	72.9	115	104	109	9/22	1.0	47
MIDLAND	8390RR(N) *	60.1	---	61.9	---	---	91	---	99	9/22	1.0	40
MIDLAND	9B331NRR *	71.8	---	---	---	---	108	---	---	9/16	1.0	46
MIDLAND	9B371RR *	69.5	---	---	---	---	105	---	---	9/20	1.0	47
MIDLAND	9E351RR *	60.2	---	---	---	---	91	---	---	9/18	2.3	45
MIDLAND	9G380RR/STS *	69.0	---	---	---	---	104	---	---	9/22	1.0	46
MIDWEST SEED	G 3925RN *	75.7	---	---	---	---	114	---	---	9/23	1.7	47
MIDWEST SEED	G 4500RN *	45.4	---	---	---	---	68	---	---	9/24	1.0	44
MYCOGEN/ATLAS	5370RR *	56.7	70.4	---	63.5	---	86	98	---	9/19	1.7	42
MYCOGEN/ATLAS	5441NRR *	37.9	---	---	---	---	57	---	---	9/24	1.0	46
NC+	3A77RR *	67.5	70.7	---	69.1	---	102	99	---	9/20	1.7	43
NC+	4A29RR *	59.6	---	---	---	---	90	---	---	9/16	1.0	43
NK	S29-C9 *	56.2	---	---	---	---	85	---	---	9/13	1.3	40
NK	S30-P6 *	63.5	70.1	---	66.8	---	96	98	---	9/16	2.0	31
NK	S34-B2 *	63.0	73.7	---	68.3	---	95	103	---	9/17	1.0	32
NK	X039R *	67.1	---	---	---	---	101	---	---	9/22	1.0	40
PIONEER	93B51 *	77.9	---	---	---	---	117	---	---	9/18	1.3	37
PIONEER	93B53 *	63.8	---	---	---	---	96	---	---	9/18	1.0	30
STINE	3763-4 *	64.0	---	---	---	---	97	---	---	9/19	1.0	41
STINE	3800-4 *	70.6	---	---	---	---	106	---	---	9/21	1.0	37
STINE	4001-4 *	68.3	---	---	---	---	103	---	---	9/23	2.0	45
TAYLOR	EXP T34A00RR *	68.4	---	---	---	---	103	---	---	9/17	1.0	34
TRIUMPH	TR3750RR *	62.3	---	---	---	---	94	---	---	9/20	1.0	36
TRIUMPH	TR3939RR *	62.5	---	---	---	---	94	---	---	9/22	1.0	40
WILLCROSS	RR2370 *	75.7	---	---	---	---	114	---	---	9/20	1.0	33
WILLCROSS	RR2388N *	77.9	72.5	---	75.2	---	117	101	---	9/20	1.0	39
WILLCROSS	RR2390 *	61.6	---	---	---	---	93	---	---	9/21	1.0	42
WILLCROSS	RR2399N *	64.0	---	---	---	---	97	---	---	9/22	1.0	48
TEST AVERAGES		66.3	71.6	62.5								
LSD (.10)		3.3	3.1	2.9								

TABLE 19. HARVEY COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000.

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
MATURITY GROUPS II-IV												
ADVANCED GENETICS	AG3797RR *	22.5	18.5	28.3	20.5	23.1	120	91	108	9/3	1.0	32
ADVANCED GENETICS	AG3957 RR *	20.3	23.4	28.3	21.9	24.0	108	115	108	9/4	1.0	28
ADVANCED GENETICS	AG4442RR *	14.5	---	---	---	---	77	---	---	9/5	1.0	34
ASGROW	AG3302 *	22.1	---	---	---	---	118	---	---	8/29	1.0	30
ASGROW	AG3702 *	20.1	25.3	---	22.7	---	107	124	---	9/2	1.0	29
ASGROW	AG4301 *	18.8	---	23.6	---	---	100	---	90	9/8	1.0	34
ASGROW	AG4403 *	18.1	---	---	---	---	96	---	---	9/7	1.0	35
CROPLAN GENETICS	480RR *	19.3	---	---	---	---	103	---	---	9/9	1.0	35
CROPLAN GENETICS	RC4495 *	21.0	---	---	---	---	112	---	---	9/9	1.0	29
DEKALB	CX444cRR *	18.7	---	---	---	---	99	---	---	9/7	1.0	32
DEKALB	DKB38-51 *	19.2	---	---	---	---	102	---	---	9/1	1.0	29
DELTAPINE	DP 4344RR *	13.2	19.3	22.3	16.3	18.3	70	95	85	9/10	1.6	41
DELTAPINE	DP 4690RR *	13.6	---	---	---	---	72	---	---	9/8	1.1	32
DELTAPINE	SG 498RR *	10.4	---	---	---	---	55	---	---	9/15	1.0	34
DYNA-GRO	DG-3370RR *	21.5	20.5	---	21.0	---	114	100	---	9/1	1.0	33
DYNA-GRO	DG-3373NRR *	23.2	---	---	---	---	123	---	---	9/3	1.0	33
DYNA-GRO	DG-3388RR *	21.0	18.9	28.0	19.9	22.6	112	92	107	9/3	1.0	31
DYNA-GRO	DG-3399RR *	20.2	---	---	---	---	107	---	---	9/1	1.0	28
DYNA-GRO	DG-3401NRR *	19.5	19.8	---	19.7	---	104	97	---	9/2	1.1	34
GARST	D399RR/N *	18.9	24.7	---	21.8	---	101	121	---	9/3	1.1	34
GARST	D437RR/N *	18.9	19.4	26.7	19.1	21.7	101	95	102	9/6	1.0	37
HOEGEMEYER	409RR *	17.7	---	---	---	---	94	---	---	9/6	1.0	32
HOEGEMEYER	410NRR *	20.7	---	---	---	---	110	---	---	9/3	1.0	34
MIDLAND	8390RR(N) *	20.7	24.7	---	22.7	---	110	121	---	9/2	1.0	35
MIDLAND	8411BRR *	21.0	20.6	---	20.8	---	112	101	---	9/4	1.0	31
MIDLAND	8422RR *	18.7	20.6	28.2	19.7	22.5	99	101	107	9/5	1.0	33
MIDLAND	9A380RR *	18.9	21.8	---	20.4	---	101	107	---	9/2	1.1	31
MIDLAND	9B350RR *	21.3	19.6	---	20.4	---	113	96	---	9/1	1.0	29
MIDLAND	9B411NRR *	16.0	---	---	---	---	85	---	---	9/4	1.0	35
MIDLAND	9G380RR/STS *	21.6	---	---	---	---	115	---	---	9/3	1.0	32
MIDWEST SEED	G 3925RN *	21.3	---	---	---	---	113	---	---	9/2	1.0	32
MIDWEST SEED	G 4500RN *	18.0	---	---	---	---	96	---	---	9/7	1.3	36
MYCOGEN/ATLAS	5441NRR *	15.1	16.9	---	16.0	---	80	83	---	9/6	1.0	33
MYCOGEN/ATLAS	5480NRR *	15.7	---	---	---	---	84	---	---	9/9	1.0	38
NC+	3A72RR *	20.6	---	---	---	---	110	---	---	9/1	1.0	30
NC+	3A99RR *	19.9	---	---	---	---	106	---	---	9/2	1.0	30
TRIUMPH	TR4319RR *	14.8	---	---	---	---	79	---	---	9/5	1.0	33
WILLCROSS	RR2397 *	15.3	24.3	24.8	19.8	21.4	81	119	94	9/5	1.0	33
WILLCROSS	RR2399N *	20.0	---	---	---	---	106	---	---	9/3	1.1	34
WILLCROSS	RR2449N *	14.9	---	23.2	---	---	79	---	88	9/4	1.0	33
WILLCROSS	RR2469N *	21.3	14.8	---	18.1	---	113	73	---	9/7	1.2	37
WILLCROSS	RR2480N*	15.8	---	---	---	---	84	---	---	9/13	1.0	39
WILSON	3780RR/SCN *	24.2	---	---	---	---	129	---	---	9/2	1.1	33
TEST AVERAGES		18.8	20.4	26.3								
LSD (.10)		2.6	5.6	3.1								

TABLE 20. STAFFORD COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1998-2000.

BRAND	NAME	YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LODGING SCORE	HT IN
		2000	1999	1998	2-Yr	3-Yr	2000	1999	1998			
MATURITY GROUPS II-IV												
ADVANCED GENETICS	AG3797RR *	53.5	40.3	24.7	46.9	39.5	98	98	98	9/22	2.0	36
ADVANCED GENETICS	AG3957 RR *	56.8	44.7	27.2	50.7	42.9	104	109	108	9/25	1.3	32
ADVANCED GENETICS	AG4012RR *	53.8	---	---	---	---	98	---	---	9/23	1.0	35
ADVANCED GENETICS	AG4555RR *	52.7	---	---	---	---	96	---	---	9/29	1.8	40
ASGROW	AG3701 *	55.9	41.0	30.3	48.5	42.4	102	100	120	9/23	1.3	37
ASGROW	AG3702 *	49.4	41.6	---	45.5	---	90	102	---	9/21	1.0	31
ASGROW	AG4301 *	53.2	---	---	---	---	97	---	---	9/28	1.3	33
CROPLAN GENETICS	370RR *	53.2	---	---	---	---	97	---	---	9/25	1.0	32
CROPLAN GENETICS	480RR *	63.0	41.2	---	52.1	---	115	100	---	10/1	2.0	37
CROPLAN GENETICS	RC4495 *	55.8	---	---	---	---	102	---	---	9/29	1.3	32
CROPLAN GENETICS	RT3557 *	38.3	---	---	---	---	70	---	---	9/19	1.0	32
DAIRYLAND	DSR-381RR *	53.5	32.5	---	43.0	---	98	79	---	9/21	1.8	30
DAIRYLAND	DSR-421RR *	56.2	44.6	---	50.4	---	103	109	---	9/27	1.3	37
DEKALB	CX391RR *	51.0	---	---	---	---	93	---	---	9/27	1.3	34
DEKALB	CX444CRR *	54.0	44.8	---	49.4	---	99	109	---	9/26	1.0	35
DEKALB	DKB44-51 *	59.8	---	---	---	---	109	---	---	9/28	1.0	35
DELTAPINE	DP 4344RR *	57.2	52.2	33.8	54.7	47.7	104	127	134	9/29	2.0	40
DELTAPINE	DP 4690RR *	57.6	47.6	---	52.6	---	105	116	---	9/30	1.3	38
DELTAPINE	SG 498RR *	55.6	---	---	---	---	101	---	---	10/2	1.8	36
DYNA-GRO	DG-3370RR *	55.2	39.1	---	47.2	---	101	96	---	9/23	1.5	36
DYNA-GRO	DG-3388RR *	52.2	38.3	---	45.3	---	95	94	---	9/23	1.3	36
DYNA-GRO	DG-3399RR *	59.7	---	---	---	---	109	---	---	9/26	1.0	31
DYNA-GRO	DG-3442NRR *	56.4	47.1	---	51.7	---	103	115	---	9/28	2.0	37
DYNA-GRO	DG-3484NRR *	62.7	---	---	---	---	114	---	---	10/1	2.0	39
GARST	D355RR *	57.3	39.6	---	48.4	---	105	97	---	9/21	1.3	34
GARST	D370RR *	53.3	40.9	---	47.1	---	97	100	---	9/23	1.5	37
HOEGEMEYER	409RR *	55.2	---	---	---	---	101	---	---	9/24	1.3	37
HOEGEMEYER	410NRR *	52.9	---	---	---	---	97	---	---	9/22	1.3	36
MIDLAND	8390RR(N) *	50.6	39.4	---	45.0	---	92	96	---	9/24	1.3	37
MIDLAND	8411BRR *	57.3	45.0	---	51.1	---	105	110	---	9/26	1.3	36
MIDLAND	8422RR *	60.0	---	21.1	---	---	109	---	84	9/26	1.8	35
MIDLAND	9A380RR *	46.9	34.6	---	40.7	---	86	84	---	9/22	1.5	33
MIDLAND	9B350RR *	41.5	40.6	---	41.1	---	76	99	---	9/20	1.3	33
MIDLAND	9B411NRR *	51.5	---	---	---	---	94	---	---	9/25	1.0	38
MIDLAND	9G380RR/STS *	50.4	---	---	---	---	92	---	---	9/23	1.5	31
MIDWEST SEED	G 3525R *	50.5	---	---	---	---	92	---	---	9/17	1.0	37
MIDWEST SEED	G 3625RN *	51.8	---	---	---	---	95	---	---	9/17	1.0	28
MIDWEST SEED	G 3925RN *	56.2	---	---	---	---	103	---	---	9/24	1.5	35
MYCOGEN/ATLAS	5441NRR *	58.8	---	---	---	---	107	---	---	9/28	1.8	37
MYCOGEN/ATLAS	5480NRR *	57.8	---	---	---	---	105	---	---	9/30	2.0	37
NC+	3A77RR *	47.6	36.3	---	41.9	---	87	89	---	9/19	2.0	35
NC+	4A29RR *	58.4	42.1	---	50.3	---	107	103	---	9/28	1.8	36
NK	S34-B2 *	52.5	41.8	---	47.1	---	96	102	---	9/17	1.3	31
NK	S42-M1 *	52.6	---	28.8	---	---	96	---	114	9/28	1.3	37
NK	X039R *	63.2	---	---	---	---	115	---	---	9/23	1.3	36
STINE	4001-4 *	57.9	41.1	---	49.5	---	106	100	---	9/24	1.3	34
STINE	4212-4 *	57.0	---	---	---	---	104	---	---	9/23	1.3	34
TRIUMPH	TR4319RR *	55.9	---	---	---	---	102	---	---	9/28	1.5	34
WILLCROSS	RR2397 *	57.0	39.3	18.5	48.1	38.3	104	96	73	9/24	1.8	38
WILLCROSS	RR2399N *	52.7	---	---	---	---	96	---	---	9/23	1.8	37
WILLCROSS	RR2449N *	56.3	48.1	27.7	52.2	44.1	103	118	110	9/25	1.8	38
WILLCROSS	RR2469N *	68.3	---	---	---	---	125	---	---	9/29	2.0	35
WILLCROSS	RR2490N *	53.2	---	---	---	---	97	---	---	9/30	1.5	40
WILSON	3780RR/SCN *	57.7	---	---	---	---	105	---	---	9/20	1.0	35
TEST AVERAGES		54.8	41.0	25.3								
LSD (.10)		6.6	6.3	5.5								

TABLE 21. THOMAS COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1998-2000.

BRAND	NAME	YIELD					YIELD AS % OF			MAT	LODGING	HT
		2000	1999	1998	2-Yr	3-Yr	TEST AVERAGE					
		(Bu/A)					2000 1999 1998			-----2000-----		
MATURITY GROUPS II-IV												
AGRIPRO	2802RR *	38.7	---	---	---	---	83	---	---	9/19	1.0	23
AGRIPRO	3083RR *	44.1	---	---	---	---	95	---	---	9/21	1.0	27
AGRIPRO	3510RR *	46.1	---	---	---	---	99	---	---	9/28	1.0	30
ASGROW	AG2905 *	43.5	---	---	---	---	94	---	---	9/21	1.0	26
ASGROW	AG3003 *	53.5	70.0	---	61.8	---	115	105	---	9/28	1.0	29
ASGROW	AG3302 *	47.9	66.8	76.8	57.3	63.8	103	100	111	9/25	1.0	29
CROPLAN GENETICS	370RR *	48.7	74.5	---	61.6	---	105	112	---	10/1	1.0	29
CROPLAN GENETICS	RT3557 *	51.0	---	---	---	---	110	---	---	9/27	1.0	30
DEKALB	DKB28-51 *	43.2	---	---	---	---	93	---	---	9/24	1.0	27
DEKALB	DKB31-51 *	34.9	---	---	---	---	75	---	---	9/26	1.0	27
DEKALB	DKB38-51 *	52.1	---	---	---	---	112	---	---	9/30	1.0	30
DYNA-GRO	DG-3370RR *	46.6	---	---	---	---	100	---	---	9/30	1.0	31
MIDLAND	9B350RR *	44.7	68.6	---	56.7	---	96	103	---	9/27	1.0	29
MIDLAND	9G380RR/STS *	54.7	---	---	---	---	118	---	---	9/30	1.0	29
MYCOGEN/ATLAS	5280RR *	43.9	---	---	---	---	94	---	---	9/22	1.0	27
MYCOGEN/ATLAS	5316RR *	50.1	---	---	---	---	108	---	---	9/25	1.0	27
NC+	2A97RR *	46.7	61.0	---	53.9	---	100	92	---	9/22	1.0	27
NC+	3A19RR *	46.2	59.3	---	52.7	---	99	89	---	9/25	1.0	28
NK	S29-C9 *	41.0	---	---	---	---	88	---	---	9/22	1.0	30
NK	S30-P6 *	43.8	61.8	---	52.8	---	94	93	---	9/21	1.0	27
NK	S34-B2 *	43.7	---	---	---	---	94	---	---	9/28	1.0	28
STINE	3503-4 *	46.3	77.2	---	61.8	---	100	116	---	9/29	1.0	28
TAYLOR	EXP T34A00RR *	50.3	---	---	---	---	108	---	---	10/1	1.0	27
TRIUMPH	TR3750RR *	45.9	---	---	---	---	99	---	---	10/2	1.0	29
US SEEDS	US E3401RR *	51.1	---	---	---	---	110	---	---	9/27	1.0	27
US SEEDS	US E3701RR *	42.4	---	---	---	---	91	---	---	10/1	1.0	30
US SEEDS	US S3909RR *	43.4	67.4	---	55.4	---	93	101	---	9/29	1.0	30
US SEEDS	US S4200RR *	50.0	---	---	---	---	108	---	---	10/2	1.0	35
US SEEDS	US S4409RR *	54.0	63.0	---	58.5	---	116	95	---	10/3	1.5	34
US SEEDS	US S4809RR *	45.9	78.3	---	62.1	---	99	118	---	10/6	1.3	36
TEST AVERAGES		46.5	66.5	69.3								
LSD (.10)		5.3	6.8	5.5								

TABLE 22. GREELEY COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1998-2000.

BRAND	NAME	YIELD			YIELD AS % OF		MAT	LODGING	HT
		2000	1999	2-Yr	TEST AVERAGE				
		(Bu/A)			2000 1999		-----2000-----		
MATURITY GROUPS II-IV									
AGRIPRO	3611RR/N *	11.0	---	---	95	---	9/17	1	20
ASGROW	AG2905 *	11.8	---	---	102	---	9/18	1	14
ASGROW	AG3003 *	10.4	24.5	17.5	90	102	9/16	1	17
ASGROW	AG3302 *	11.1	23.4	17.3	96	97	9/17	1	18
DEKALB	DKB28-51 *	14.0	---	---	121	---	9/10	1	14
DEKALB	DKB31-51 *	11.3	---	---	97	---	9/19	1	15
DEKALB	DKB38-51 *	13.3	---	---	115	---	9/23	1	17
DYNA-GRO	DG-3370RR *	10.6	---	---	91	---	9/19	1	16
MIDLAND	8390RR(N) *	13.7	27.6	20.7	118	115	9/25	1	19
MIDLAND	8411BRR *	11.9	26.3	19.1	103	109	9/27	1	17
MIDLAND	8422RR *	10.9	---	---	94	---	9/28	1	16
MIDLAND	9B411NRR *	10.6	---	---	91	---	9/25	1	17
MIDLAND	9G380RR/STS *	11.8	---	---	102	---	9/23	1	17
TRIUMPH	TR3750RR *	9.9	---	---	85	---	9/22	1	16
TEST AVERAGES		11.6	24.1						
LSD (.10)		2.1	2.6						



TABLE 23. FINNEY COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 2000.

BRAND	ENTRY	YIELD (Bu/A)	YIELD AS % OF TEST AVERAGE	LODGING SCORE	HT IN
MATURITY GROUPS II-IV					
ADVANCED GENETICS	AG3797RR *	53.1	105	1.0	29
ADVANCED GENETICS	AG4012RR *	45.1	89	1.0	29
AGRIPRO	4004RR/N *	44.8	88	1.0	28
AGRIPRO	4319RR/N *	32.2	64	1.0	36
ASGROW	AG3701 *	39.5	78	1.0	25
ASGROW	AG4301 *	62.5	123	1.0	28
ASGROW	AG4403 *	39.2	77	1.0	27
CROPLAN GENETICS	370RR *	52.4	103	1.0	27
CROPLAN GENETICS	RT3557 *	51.4	101	1.0	29
DAIRYLAND	DSR-381RR *	49.0	97	1.0	26
DAIRYLAND	DSR-421RR *	52.5	104	1.0	32
DEKALB	CX391RR *	61.3	121	1.0	26
DEKALB	CX444cRR *	48.3	95	1.0	25
DEKALB	DKB38-51 *	56.8	112	1.0	22
DYNA-GRO	DG-3388RR *	49.1	97	1.0	29
DYNA-GRO	DG-3399RR *	48.0	95	1.0	24
DYNA-GRO	DG-3401NRR *	52.1	103	1.0	31
DYNA-GRO	DG-3442NRR *	67.3	133	1.0	29
DYNA-GRO	DG-3468NRR *	65.5	129	1.0	31
GARST	D370RR *	51.9	102	1.0	29
GARST	D381RR/STS *	54.4	107	1.0	26
MIDLAND	8390RR(N) *	48.3	95	1.0	29
MIDLAND	8411BRR *	44.3	87	1.0	29
MIDLAND	8422RR *	50.9	100	1.0	29
MIDLAND	9B411NRR *	40.0	79	1.0	25
MIDLAND	9G380RR/STS *	57.1	113	1.0	27
MIDLAND	9G480RR *	58.0	114	1.0	35
MIDWEST SEED	G 3525R *	60.6	120	1.0	30
MIDWEST SEED	G 3625RN *	31.8	63	1.0	25
MIDWEST SEED	G 3925RN *	32.4	64	1.0	28
MYCOGEN/ATLAS	5370RR *	44.7	88	1.0	25
MYCOGEN/ATLAS	5441NRR *	62.9	124	1.0	31
NC+	3A77RR *	59.7	118	1.0	28
NC+	4A29RR *	63.8	126	1.0	28
STINE	3763-4 *	65.1	128	1.0	27
STINE	4001-4 *	40.5	80	1.0	23
TRIUMPH	TR4319RR *	54.3	107	1.0	33
US SEEDS	US E3701RR *	42.7	84	1.0	25
US SEEDS	US S3909RR *	48.1	95	1.0	29
US SEEDS	US S4200RR *	47.4	93	1.0	31
US SEEDS	US S4409RR *	50.9	100	1.0	30
US SEEDS	US S4809RR *	49.6	98	1.0	30
TEST AVERAGES		50.7			
LSD (.10)		13.0			

TABLE 24. YIELD AS % OF TEST AVERAGE FROM 2000 LOCATIONS.

BRAND	NAME	STANDARD TRIALS											ROUNDUP-RESISTANT TRIALS											
		BRO	SHA	FRA	RCI	HAR	SUM	ELL	STA	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	FIR	GRR	AVGRR	SCN
ADVANCED GENETICS	AG GALAXY II	---	---	93	90	105	---	---	---	---	---	96	---	---	---	---	---	---	---	---	---	---	---	---
ADVANCED GENETICS	AG3400RR *	---	---	---	---	---	---	---	---	---	---	---	---	117	---	108	---	---	---	---	---	---	---	112
ADVANCED GENETICS	AG3797RR *	---	---	---	---	---	---	---	---	---	---	---	113	86	127	---	107	120	98	---	105	---	---	108
ADVANCED GENETICS	AG3800RR *	---	---	---	---	---	---	---	---	---	---	---	---	101	---	108	---	---	---	---	---	---	---	104
ADVANCED GENETICS	AG3920	---	---	88	128	126	---	---	---	---	---	114	---	---	---	---	---	---	---	---	---	---	---	---
ADVANCED GENETICS	AG3957 RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	108	104	---	---	---	---	---	---	106
ADVANCED GENETICS	AG4012RR *	---	---	---	---	---	---	---	---	---	---	---	94	93	120	---	101	---	98	---	89	---	---	99
ADVANCED GENETICS	AG4188 STS	---	---	---	---	93	97	---	94	---	---	95	---	---	---	---	---	---	---	---	---	---	---	---
ADVANCED GENETICS	AG4333NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	93	77	---	---	---	---	---	---	---	85
ADVANCED GENETICS	AG4442RR *	---	---	---	---	---	---	---	---	---	---	---	88	---	80	83	---	77	---	---	---	---	---	82
ADVANCED GENETICS	AG4555RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	89	132	---	---	96	---	---	---	---	106
ADVANCED GENETICS	AG4599NSTS	---	---	105	---	---	---	---	---	---	---	105	---	---	---	---	---	---	---	---	---	---	---	72
ADVANCED GENETICS	AG4827RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	81	90	---	---	---	---	---	---	---	85
ADVANCED GENETICS	AG5277 RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	55	113	---	---	---	---	---	---	---	84
ADVANCED GENETICS	DS 454	---	---	96	---	---	---	---	---	---	---	96	---	---	---	---	---	---	---	---	---	---	---	---
AGRIPRO	2802RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	83	---	---	---	83
AGRIPRO	3083RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	112	---	---	95	---	---	---	---	104
AGRIPRO	3510RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	99	---	---	---	---	102
AGRIPRO	3611RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	95	---	95
AGRIPRO	3792RR/N *	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	106	---	---	---	---	---	---	100
AGRIPRO	4004RR/N *	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	---	---	88	---	---	97
AGRIPRO	4319RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	64	---	---	64
ASGROW	A3834	---	---	110	---	100	---	---	98	---	---	103	---	---	---	---	---	---	---	---	---	---	---	---
ASGROW	AG2905 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	102	---	---	98
ASGROW	AG3003 *	---	---	---	---	---	---	---	89	---	---	89	---	---	---	---	---	---	115	---	90	---	---	98
ASGROW	AG3201 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	96	---	---	---	---	---	---	---	96
ASGROW	AG3302 *	---	---	---	---	---	---	105	---	---	---	105	126	104	---	---	113	118	---	103	---	96	110	
ASGROW	AG3701 *	---	---	---	---	---	---	---	---	---	---	---	104	103	---	---	---	---	102	---	78	---	---	97
ASGROW	AG3702 *	---	---	---	---	---	107	106	---	---	---	107	110	107	124	---	---	107	90	---	---	---	108	
ASGROW	AG4301 *	---	---	---	---	---	89	---	---	---	---	89	---	101	120	---	---	100	97	---	123	---	---	108
ASGROW	AG4403 *	---	---	---	---	---	77	---	---	---	---	77	---	---	---	---	96	---	---	77	---	---	---	87
ASGROW	AG4602 *	---	---	---	---	---	---	---	---	---	---	---	---	---	93	93	---	---	---	---	---	---	---	93
ASGROW	AG4902 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	92	---	---	---	---	---	---	---	92
ASGROW	AG5001 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	---	---	---	---	97
ASGROW	AG5501 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---	---	---	---	---	104
CROPLAN GENETICS	370RR *	---	---	---	---	---	---	---	---	---	---	---	104	71	---	---	100	---	97	105	103	---	---	97
CROPLAN GENETICS	480RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	84	88	---	103	115	---	---	---	---	97
CROPLAN GENETICS	RC3838 *	---	---	---	---	---	---	---	---	---	---	---	87	99	90	---	---	---	---	---	---	---	---	92
CROPLAN GENETICS	RC4495 *	---	---	---	---	---	---	---	---	---	---	---	---	---	129	102	---	112	102	---	---	---	---	111
CROPLAN GENETICS	RT3557 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	---	70	110	101	---	---	97
CROPLAN GENETICS	XST52	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98
DAIRYLAND	DSR-381RR *	---	---	---	---	---	---	---	---	---	---	---	---	118	---	93	---	---	98	---	97	---	---	102
DAIRYLAND	DSR-421RR *	---	---	---	---	---	---	---	---	---	---	---	---	83	---	122	---	---	103	---	104	---	---	103
DEKALB	CX391RR *	---	---	---	---	105	---	---	---	---	---	105	---	---	---	---	---	---	93	---	121	---	---	107
DEKALB	CX400	96	98	90	---	112	---	---	119	---	---	103	---	---	---	---	---	---	---	---	---	---	---	---
DEKALB	CX444cRR *	---	---	---	---	---	88	---	---	---	---	88	---	91	98	---	---	99	99	---	95	---	---	96
DEKALB	CX480cRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	96	---	---	---	---	---	---	---	96
DEKALB	CX520cRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	---	---	107
DEKALB	DKB28-51 *	---	---	---	---	---	---	---	---	---	---	95	---	---	---	---	97	---	---	93	---	121	---	104
DEKALB	DKB31-51 *	---	---	---	---	---	---	---	---	---	---	79	---	---	---	---	---	---	---	75	---	97	---	95

(CONTINUED)

TABLE 24. YIELD AS % OF TEST AVERAGE FROM 2000 LOCATIONS. (CONTINUED)

BRAND	NAME	STANDARD TRIALS											ROUNDUP-RESISTANT TRIALS											
		BRO	SHA	FRA	RCI	HAR	SUM	ELL	STA	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	FIR	GRR	AVGRR	SCN
DEKALB	DKB35-51 *	---	---	---	---	---	---	---	---	---	---	---	113	---	---	---	---	---	---	---	---	---	113	---
DEKALB	DKB36-51 *	---	---	---	---	---	---	---	---	---	---	---	90	112	---	---	---	---	---	---	---	---	101	---
DEKALB	DKB38-51 *	---	---	---	---	---	---	114	99	---	---	---	97	---	123	---	110	102	---	112	112	115	110	---
DEKALB	DKB44-51 *	---	---	---	---	---	---	---	---	---	---	---	---	---	93	---	---	---	109	---	---	---	101	---
DELTAKING	XTJ584RR *	---	---	---	---	---	---	---	---	---	---	---	91	91	98	88	---	---	---	---	---	---	92	---
DELTAKING	XTJ784	97	112	79	---	---	---	---	---	---	---	---	96	---	---	---	---	---	---	---	---	---	---	86
DELTAPINE	DP 3478	---	---	---	---	76	---	---	---	115	---	---	96	---	---	---	---	---	---	---	---	---	---	---
DELTAPINE	DP 4344RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	73	110	---	70	104	---	---	---	90	---
DELTAPINE	DP 4690RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	86	102	---	72	105	---	---	---	91	---
DELTAPINE	DP 4748S	---	---	---	---	83	---	---	---	110	---	---	96	---	---	---	---	---	---	---	---	---	---	---
DELTAPINE	DP 4909	---	---	---	---	69	---	---	---	109	---	---	89	---	---	---	---	---	---	---	---	---	---	---
DELTAPINE	SG 498RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	97	120	---	55	101	---	---	---	93	---
DPMS	3701	118	108	110	---	---	---	---	---	---	---	112	---	---	---	---	---	---	---	---	---	---	65	
DPMS	4001	110	86	93	---	---	---	---	---	---	---	96	---	---	---	---	---	---	---	---	---	---	69	
DPMS	3801RR *	---	---	---	---	---	---	---	---	---	---	---	109	111	98	69	---	---	---	---	---	---	97	---
DPMS	3901RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	---	106	---
DPMS	4401RR *	---	---	---	---	---	---	---	---	---	---	---	99	89	76	79	---	---	---	---	---	---	86	---
DYNA-GRO	DG-3336	---	---	---	104	---	---	---	---	81	---	79	88	---	---	---	---	---	---	---	---	---	---	---
DYNA-GRO	DG-3370RR *	---	---	---	---	---	---	---	---	---	---	---	96	111	118	---	96	114	101	100	---	91	103	---
DYNA-GRO	DG-3373NRR *	---	---	---	---	---	---	---	---	---	---	---	88	77	---	---	95	123	---	---	---	---	96	---
DYNA-GRO	DG-3388RR *	---	---	---	---	---	---	---	---	---	---	---	108	91	130	---	96	112	95	---	97	---	104	---
DYNA-GRO	DG-3395	111	106	90	111	109	118	---	108	---	---	108	---	---	---	---	---	---	---	---	---	---	---	
DYNA-GRO	DG-3399RR *	---	---	---	---	---	---	---	---	---	---	---	105	105	119	84	---	107	109	---	95	---	103	---
DYNA-GRO	DG-3401NRR *	---	---	---	---	---	---	---	---	---	---	---	---	104	110	89	---	104	---	---	103	---	102	---
DYNA-GRO	DG-3402STS	113	85	121	91	87	116	---	95	---	---	101	---	---	---	---	---	---	---	---	---	---	---	
DYNA-GRO	DG-3438N	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97
DYNA-GRO	DG-3442NRR *	---	---	---	---	---	---	---	---	---	---	---	---	99	106	120	---	---	103	---	133	---	112	---
DYNA-GRO	DG-3468NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	107	112	---	---	---	---	129	---	116	---
DYNA-GRO	DG-3484NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	85	84	---	---	114	---	---	---	95	---
DYNA-GRO	DG-3513NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	106	---
FONTANELLE	415RR *	---	---	---	---	---	---	---	---	---	---	---	89	---	---	---	---	---	---	---	---	---	89	---
FONTANELLE	9973RR *	---	---	---	---	---	---	---	---	---	---	---	78	---	---	---	---	---	---	---	---	---	78	---
GARST	D308	---	---	---	---	---	---	---	---	---	63	63	---	---	---	---	---	---	---	---	---	---	---	---
GARST	D355RR *	---	---	---	---	---	---	---	---	---	---	---	121	92	---	---	101	---	105	---	---	---	105	---
GARST	D370RR *	---	---	---	---	---	---	---	---	---	---	---	102	90	---	---	79	---	97	---	102	---	94	---
GARST	D381RR/STS *	---	---	---	---	---	---	---	---	---	---	---	---	114	115	---	106	---	---	---	107	---	110	---
GARST	D385	106	106	---	66	---	---	---	---	---	---	92	---	---	---	---	---	---	---	---	---	---	---	
GARST	D398	101	115	84	114	---	---	---	---	111	---	105	---	---	---	---	---	---	---	---	---	---	---	
GARST	D399RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	96	88	---	---	101	---	---	---	---	95	---
GARST	D437RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	98	100	123	---	101	---	---	---	---	105	---
GARST	D445/N	---	101	112	---	---	100	---	---	---	---	105	---	---	---	---	---	---	---	---	---	---	113	
GARST	D484RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	79	---	---	---	---	---	---	---	79	---
GARST	D529RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	---	---	---	---	99	---
GARST	X9940N31	88	---	95	---	86	---	---	---	---	---	90	---	---	---	---	---	---	---	---	---	---	---	
GARST	XR0044N01 *	---	---	---	---	---	---	---	---	---	---	---	---	---	87	100	---	---	---	---	---	---	94	---
GOLDEN HARVEST	H-1500	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	126
GOLDEN HARVEST	H-3848RR *	---	---	---	---	---	---	---	---	---	---	---	69	96	102	---	---	---	---	---	---	---	89	---
GOLDEN HARVEST	H-4122RR *	---	---	---	---	---	---	---	---	---	---	---	98	99	115	---	---	---	---	---	---	---	104	---
GOLDEN HARVEST	H-4813RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101	---	---	---	---	---	---	101	---
GOLDEN HARVEST	H-5447STS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	128

(CONTINUED)

TABLE 24. YIELD AS % OF TEST AVERAGE FROM 2000 LOCATIONS. (CONTINUED)

BRAND	NAME	STANDARD TRIALS											ROUNDUP-RESISTANT TRIALS											
		BRO	SHA	FRA	RCI	HAR	SUM	ELL	STA	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	FIR	GRR	AVGRR	SCN
HAMON	427N	107	129	---	---	---	---	---	---	---	---	118	---	---	---	---	---	---	---	---	---	---	---	---
HAMON	445N	94	87	---	---	---	---	---	---	---	---	91	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	333	106	97	92	63	---	---	---	---	---	---	90	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	379	101	113	96	120	126	---	---	116	---	---	112	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	341RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	---	107	---
HOEGEMEYER	390STS	106	90	122	---	---	---	---	---	---	---	106	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	402STS	---	---	---	104	---	---	---	---	---	---	104	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	409RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---	107	94	101	---	---	---	102	---
HOEGEMEYER	410NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110	97	---	---	---	---	103	---
HOEGEMEYER	439RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	85	---	---	---	---	---	---	---	85	---
HOEGEMEYER	451SCN	---	---	114	---	---	---	---	---	---	---	114	---	---	---	---	---	---	---	---	---	---	---	100
K-SOY	DELISOY 5500	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104
K-SOY	KS3494	94	102	111	124	108	110	91	72	101	100	101	---	---	---	---	---	---	---	---	---	---	---	---
K-SOY	KS4694	85	97	96	72	83	80	106	108	107	91	92	---	---	---	---	---	---	---	---	---	---	---	77
K-SOY	KS4895	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	92
K-SOY	KS4997	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
K-SOY	MACON	89	98	113	119	89	117	98	88	92	108	101	---	---	---	---	---	---	---	---	---	---	---	---
K-SOY	STRESSLAND	89	82	100	94	86	104	98	91	99	100	94	---	---	---	---	---	---	---	---	---	---	---	---
LEWIS	375	103	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	---	---
LEWIS	3717RR *	---	---	---	---	---	---	---	---	---	---	---	114	---	---	---	---	---	---	---	---	---	---	114
LEWIS	3876RR *	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	---	---	---	---	94
LEWIS	4228RR *	---	---	---	---	---	---	---	---	---	---	---	111	---	---	---	---	---	---	---	---	---	---	111
LEWIS	4392RR *	---	---	---	---	---	---	---	---	---	---	---	79	---	---	---	---	---	---	---	---	---	---	79
MFA MORSOY	3709N	---	102	109	---	---	---	---	---	---	---	106	---	---	---	---	---	---	---	---	---	---	---	---
MFA MORSOY	4067SCN	---	92	113	---	---	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	---	---
MFA MORSOY	4426SCN	---	---	105	---	---	---	---	---	---	---	105	---	---	---	---	---	---	---	---	---	---	---	105
MFA MORSOY	4477SCN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	92
MFA MORSOY	RT 3549 *	---	---	---	---	---	---	---	---	---	---	---	---	113	---	---	---	---	---	---	---	---	---	113
MFA MORSOY	RT 3739 *	---	---	---	---	---	---	---	---	---	---	---	---	101	112	---	---	---	---	---	---	---	---	107
MFA MORSOY	RT 3967SCN *	---	---	---	---	---	---	---	---	---	---	---	---	---	100	---	---	---	---	---	---	---	---	100
MFA MORSOY	RT 4478SCN *	---	---	---	---	---	---	---	---	---	---	---	---	100	110	100	---	---	---	---	---	---	---	103
MFA MORSOY	RT 4889N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	91	---	---	---	---	---	---	---	91
MIDLAND	8287	---	---	---	94	---	---	---	---	---	---	94	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8355	---	---	---	119	---	---	---	---	---	---	119	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8371	---	---	---	---	99	96	---	---	---	---	98	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8388	108	133	95	110	---	---	---	---	---	---	111	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8393	---	---	---	---	---	80	111	---	---	117	103	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8410	---	---	92	---	---	---	---	---	---	---	92	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8421	---	---	103	---	---	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8431	---	---	---	---	97	70	---	104	---	112	96	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8322RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	---	---	---	---	---	99
MIDLAND	8382RR *	---	---	---	---	---	---	---	---	---	---	---	100	100	123	---	115	---	---	---	---	---	---	109
MIDLAND	8390RR(N) *	---	---	---	---	---	---	---	---	---	---	---	93	81	---	---	91	110	92	---	95	118	97	---
MIDLAND	8394RR(N) *	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	---	---	---	---	---	---	105
MIDLAND	8396STS	---	---	---	87	---	---	---	---	---	---	87	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8398(N)	85	---	93	---	---	---	---	---	---	---	89	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	8411BRR *	---	---	---	---	---	---	---	---	---	---	---	---	108	---	---	---	112	105	---	87	103	103	---
MIDLAND	8422RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	109	---	100	94	101	---	---
MIDLAND	8450STS(N)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	65
MIDLAND	8475(N)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104

(CONTINUED)

TABLE 24. YIELD AS % OF TEST AVERAGE FROM 2000 LOCATIONS. (CONTINUED)

BRAND	NAME	STANDARD TRIALS											ROUNDUP-RESISTANT TRIALS												
		BRO	SHA	FRA	RCI	HAR	SUM	ELL	STA	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	FIR	GRR	AVGRR	SCN	
MIDLAND	8530(N)	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	123	
MIDLAND	8540RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	---	---	---	---	---	98	
MIDLAND	9A320STS	---	---	---	121	---	---	---	---	---	---	---	---	121	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9A331	---	---	---	120	---	---	---	---	---	---	---	---	120	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9A350	---	---	---	---	88	118	90	106	107	---	---	---	102	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9A380RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	78	106	---	---	101	86	---	---	---	92	
MIDLAND	9A401STS	---	---	---	---	99	115	---	78	---	99	---	---	98	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9A420N	---	---	112	---	---	---	---	---	---	---	---	---	112	---	---	---	---	---	---	---	---	---	97	
MIDLAND	9A441NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	91	115	---	---	---	---	---	---	103	
MIDLAND	9A460N	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	96	
MIDLAND	9A480NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	---	---	---	---	97	
MIDLAND	9B331NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	108	---	---	---	---	---	---	108	
MIDLAND	9B350RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	113	76	96	---	---	---	---	95	
MIDLAND	9B351	---	---	---	111	---	---	---	---	---	---	---	---	111	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9B370N	98	83	---	---	---	---	---	---	---	---	---	---	90	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9B371RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	---	---	---	105	
MIDLAND	9B411NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85	94	---	79	91	---	---	87	
MIDLAND	9B480RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	103	
MIDLAND	9E351RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	91	---	---	---	---	---	---	91	
MIDLAND	9E480	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9G351STS	---	---	---	103	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	
MIDLAND	9G380RR/STS *	---	---	---	---	---	---	---	---	---	---	---	---	---	118	115	109	---	104	115	92	118	113	102	110
MIDLAND	9G480RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	113
MIDLAND	XA351NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	88	107	---	---	---	---	---	---	---	97	
MIDLAND	XA371NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	68	87	---	---	---	---	---	---	---	78	
MIDLAND	XA411NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	111	---	97	---	---	---	---	---	---	104	
MIDLAND	XA431N	---	---	103	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	
MIDLAND	XA491N	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	123	
MIDLAND	XA541NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	116	---	---	---	---	---	---	116	
MIDWEST SEED	G 3060R *	---	---	---	---	---	---	---	---	---	---	---	---	---	86	---	---	---	---	---	---	---	---	86	
MIDWEST SEED	G 3245R *	---	---	---	---	---	---	---	---	---	---	---	---	---	92	---	---	---	---	---	---	---	---	92	
MIDWEST SEED	G 3525R *	---	---	---	---	---	---	---	---	---	---	---	---	---	112	---	---	---	---	92	---	120	---	108	
MIDWEST SEED	G 3625RN *	---	---	---	---	---	---	---	---	---	---	---	---	---	85	---	---	---	---	95	---	63	---	81	
MIDWEST SEED	G 3644S	---	---	---	---	---	---	---	98	---	104	---	---	101	---	---	---	---	---	---	---	---	---	---	
MIDWEST SEED	G 3745R *	---	---	---	---	---	---	---	---	---	---	---	---	---	113	---	---	---	---	---	---	---	---	113	
MIDWEST SEED	G 3925RN *	---	---	---	---	---	---	---	---	---	---	---	---	---	101	108	93	100	114	113	103	---	64	100	
MIDWEST SEED	G 3996	---	---	---	---	---	---	---	98	---	99	---	---	99	---	---	---	---	---	---	---	---	---	---	
MIDWEST SEED	G 4500RN *	---	---	---	---	---	---	---	---	---	---	---	---	---	115	104	109	101	68	96	---	---	---	99	
M-PRIDE	MPV350NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	96	90	---	---	---	---	---	---	---	93	
M-PRIDE	MPV398NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	76	96	98	---	---	---	---	---	---	90	
M-PRIDE	MPV437NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	107	109	---	---	---	---	---	---	---	108	
M-PRIDE	MPV457NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	123	98	101	---	---	---	---	---	108	84
M-PRIDE	MPV519NRR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	---	107	91
M-PRIDE	MPV537NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	103	
MYCOGEN	5383	96	94	---	106	123	---	---	---	---	---	---	---	105	---	---	---	---	---	---	---	---	---	---	
MYCOGEN	5404	98	88	86	---	104	113	---	---	---	---	---	---	98	---	---	---	---	---	---	---	---	---	---	
MYCOGEN	5420N	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	
MYCOGEN/ATLAS	5280RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	94	
MYCOGEN/ATLAS	5316RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	108	---	---	108	
MYCOGEN/ATLAS	5370RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	86	94	114	---	86	---	---	88	---	93	

(CONTINUED)

TABLE 24. YIELD AS % OF TEST AVERAGE FROM 2000 LOCATIONS. (CONTINUED)

BRAND	NAME	STANDARD TRIALS											ROUNDUP-RESISTANT TRIALS											
		BRO	SHA	FRA	RCI	HAR	SUM	ELL	STA	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	FIR	GRR	AVGRR	SCN
MYCOGEN/ATLAS	5441NRR *	---	---	---	---	---	---	---	---	---	---	---	91	104	75	104	57	80	107	---	124	---	93	---
MYCOGEN/ATLAS	5480NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	87	---	84	105	---	---	---	92	---
NC+	2A97RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	---	---	100	---
NC+	3A19RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	99	---
NC+	3A72RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	---	---	110	---
NC+	3A77RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---	87	---	118	---	102	---
NC+	3A85STS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
NC+	3A87	124	---	---	114	120	---	---	---	---	119	---	---	---	---	---	---	---	---	---	---	---	---	---
NC+	3A99RR *	---	---	---	---	---	---	---	---	---	---	---	102	95	114	---	---	106	---	---	---	---	104	---
NC+	4A29RR *	---	---	---	---	---	---	---	---	---	---	---	78	85	115	---	90	---	107	---	126	---	100	---
NC+	4N26	---	120	---	---	---	---	---	129	---	124	---	---	---	---	---	---	---	---	---	---	---	---	---
NC+	4N45STS	---	---	80	---	---	91	---	---	---	85	---	---	---	---	---	---	---	---	---	---	---	---	55
NC+	4N79RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	---	---	---	---	98	---
NC+	5A45RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	---	107	---
NK	S29-C9 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85	---	---	88	---	---	86	---
NK	S30-P6 *	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---	96	---	---	94	---	---	98	---
NK	S34-B2 *	---	---	---	---	---	---	---	---	---	---	---	116	---	---	---	95	---	96	94	---	---	100	---
NK	S38-T8	---	107	109	---	---	---	---	---	---	108	---	---	---	---	---	---	---	---	---	---	---	---	---
NK	S42-H1	---	106	103	---	---	---	---	---	---	105	---	---	---	---	---	---	---	---	---	---	---	---	---
NK	S42-M1 *	---	---	---	---	---	---	---	---	---	---	---	---	93	86	---	---	---	96	---	---	---	92	---
NK	S46-G2 *	---	---	---	---	---	---	---	---	---	---	---	---	---	82	112	---	---	---	---	---	---	97	104
NK	S57-11	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	79
NK	S57-A4*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	94	---
NK	X039R *	---	---	---	---	---	---	---	---	---	---	---	118	108	---	---	101	---	115	---	---	---	111	---
PIONEER	9294	---	---	---	---	---	101	---	---	---	101	---	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	93B34	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	93B35	---	---	---	---	---	---	92	---	87	89	---	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	93B41	---	---	---	116	---	---	---	---	---	116	---	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	93B51 *	98	97	---	89	---	---	---	---	---	95	---	---	---	124	---	117	---	---	---	---	---	121	---
PIONEER	93B53 *	---	---	---	---	---	---	---	78	106	114	99	---	---	---	---	96	---	---	---	---	---	96	---
PIONEER	93B82	107	114	152	---	139	124	---	96	---	122	---	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	93B84 *	87	108	---	106	135	114	127	98	102	98	108	---	---	92	---	---	---	---	---	---	---	92	---
PIONEER	9492 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	103	98
PIONEER	94B01	---	---	---	---	94	106	---	87	---	114	100	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	95B32 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	94	---
PIONEER	95B33	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	118
PIONEER	95B53 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101	---	---	---	---	---	---	101	---
PIONEER	95B71	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100
PRAIRIE BRAND	PB-3410RR *	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	---	---	---	94	---
PRAIRIE BRAND	PB-3770RR *	---	---	---	---	---	---	---	---	---	---	---	115	---	---	---	---	---	---	---	---	---	115	---
PRAIRIE BRAND	PB-3927RR *	---	---	---	---	---	---	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	109	---
PRAIRIE BRAND	PB-4100RR *	---	---	---	---	---	---	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	109	---
PUBLIC	ANAND	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109
PUBLIC	FLYER	---	---	---	---	---	100	---	---	---	100	---	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	HS93-4118	116	96	97	88	117	123	89	78	89	82	98	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	HUTCHESON	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	86
PUBLIC	IA2021	100	69	86	114	106	107	79	44	83	75	86	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	IA3010	105	112	128	127	134	141	106	79	90	126	115	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1370	81	101	99	101	79	100	83	78	101	122	95	---	---	---	---	---	---	---	---	---	---	---	81

(CONTINUED)

TABLE 24. YIELD AS % OF TEST AVERAGE FROM 2000 LOCATIONS. (CONTINUED)

BRAND	NAME	STANDARD TRIALS											ROUNDUP-RESISTANT TRIALS											
		BRO	SHA	FRA	RCI	HAR	SUM	ELL	STA	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	FIR	GRR	AVGRR	SCN
PUBLIC	K1380	80	90	100	93	88	102	101	107	119	102	98	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1401	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1410	108	91	101	88	97	109	126	99	96	140	105	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1423	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1424	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1425	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1444	91	94	85	83	101	100	123	86	122	80	96	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1454	101	108	97	76	82	83	113	116	107	112	100	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1457	106	97	107	101	80	96	107	114	99	30	94	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1459	108	102	109	86	118	100	92	130	109	133	109	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1463	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1468	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	K1469	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	KS5292	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	MANOKIN	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
PUBLIC	WILLIAMS 82	84	106	88	88	60	76	97	103	97	78	88	---	---	---	---	---	---	---	---	---	---	---	
STINE	4790	---	---	---	---	---	---	---	108	---	---	108	---	---	---	---	---	---	---	---	---	---	---	
STINE	3398-8	---	---	---	76	---	---	---	---	---	---	76	---	---	---	---	---	---	---	---	---	---	---	
STINE	3500-0	109	---	---	73	---	---	---	---	---	---	91	---	---	---	---	---	---	---	---	---	---	---	
STINE	3503-4 *	---	---	---	---	---	---	---	---	---	---	---	---	117	---	---	---	---	100	---	---	---	108	
STINE	3763-4 *	---	---	---	---	---	---	---	---	---	---	---	83	---	---	97	---	---	---	128	---	---	103	
STINE	3800-4 *	---	---	---	---	---	---	---	---	---	---	---	113	101	127	---	106	---	---	---	---	---	112	
STINE	3870-0	---	118	84	123	---	---	---	106	---	---	108	---	---	---	---	---	---	---	---	---	---	---	
STINE	3950-0	---	---	---	86	---	---	---	108	---	---	97	---	---	---	---	---	---	---	---	---	---	---	
STINE	4001-4 *	---	---	---	---	---	---	---	---	---	---	---	---	113	102	---	103	---	106	---	80	---	101	
STINE	4212-4 *	---	---	---	---	---	---	---	---	---	---	---	---	101	111	---	---	---	104	---	---	---	105	
STINE	4702-2	---	---	---	---	---	---	---	109	---	---	109	---	---	---	---	---	---	---	---	---	---	106	
STINE	EX5502-4	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	92	
TAYLOR	396	---	98	88	---	---	---	---	---	---	---	93	---	---	---	---	---	---	---	---	---	---	---	
TAYLOR	471	---	---	83	---	---	---	---	---	---	---	83	---	---	---	---	---	---	---	---	---	---	---	
TAYLOR	3710	---	95	---	---	---	---	---	---	---	---	95	---	---	---	---	---	---	---	---	---	---	---	
TAYLOR	370RR *	---	---	---	---	---	---	---	---	---	---	---	112	---	---	---	---	---	---	---	---	---	112	
TAYLOR	388RR *	---	---	---	---	---	---	---	---	---	---	---	100	114	---	---	---	---	---	---	---	---	107	
TAYLOR	394RR *	---	---	---	---	---	---	---	---	---	---	---	---	102	---	---	---	---	---	---	---	---	102	
TAYLOR	415RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	93	---	---	---	---	---	---	---	93	
TAYLOR	445RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	108	---	---	---	---	---	---	---	108	
TAYLOR	466RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	80	---	---	---	---	---	---	80	
TAYLOR	488RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	87	98	---	---	---	---	---	---	93	
TAYLOR	EXP T34A00RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	108	---	---	106	
TAYLOR	EXP T37A07RR *	---	---	---	---	---	---	---	---	---	---	---	87	---	---	---	---	---	---	---	---	---	87	
TRIUMPH	TR3750RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	99	---	85	93	
TRIUMPH	TR3939RR *	---	---	---	---	---	---	---	---	---	---	---	125	120	105	---	94	---	---	---	---	---	111	
TRIUMPH	TR4319RR *	---	---	---	---	---	---	---	---	---	---	---	---	103	83	---	---	79	102	---	107	---	95	
TRIUMPH	TR4718RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	87	---	---	---	---	---	---	87	
TRIUMPH	TR4810RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	95	---	---	---	---	---	---	95	
TRIUMPH	TR5409RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	112	---	---	---	---	---	---	112	

(CONTINUED)

TABLE 24. YIELD AS % OF TEST AVERAGE FROM 2000 LOCATIONS. (CONTINUED)

BRAND	NAME	STANDARD TRIALS											ROUNDUP-RESISTANT TRIALS											
		BRO	SHA	FRA	RCI	HAR	SUM	ELL	STA	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	FIR	GRR	AVGRR	SCN
US SEEDS	US E3401RR *	---	---	---	---	---	---	---	---	---	---	---	110	105	---	---	---	---	---	110	---	---	108	---
US SEEDS	US E3701RR *	---	---	---	---	---	---	---	---	---	---	---	79	100	---	---	---	---	---	91	84	---	89	---
US SEEDS	US E371	---	---	---	---	---	---	---	---	119	100	---	110	---	---	---	---	---	---	---	---	---	96	---
US SEEDS	US E421	---	---	---	---	---	---	---	---	109	110	---	109	---	---	---	---	---	---	---	---	---	74	---
US SEEDS	US E471	---	---	---	---	---	---	---	---	112	---	---	112	---	---	---	---	---	---	---	---	---	97	---
US SEEDS	US S350	85	---	---	---	---	---	---	---	88	99	---	91	---	---	---	---	---	---	---	---	---	---	---
US SEEDS	US S3909RR *	---	---	---	---	---	---	---	---	---	---	---	138	95	---	---	---	---	---	93	95	---	105	---
US SEEDS	US S399STS	100	83	---	---	---	---	---	---	---	---	---	92	---	---	---	---	---	---	---	---	---	---	---
US SEEDS	US S4200RR *	---	---	---	---	---	---	---	---	---	---	---	104	93	---	111	---	---	---	108	93	---	102	---
US SEEDS	US S4409RR *	---	---	---	---	---	---	---	---	---	---	---	93	110	---	84	---	---	---	116	100	---	101	---
US SEEDS	US S4809RR *	---	---	---	---	---	---	---	---	---	---	---	85	89	---	96	---	---	---	99	98	---	93	---
WILLCROSS	9447	---	---	92	---	---	---	---	---	---	---	---	92	---	---	---	---	---	---	---	---	---	---	---
WILLCROSS	9640	---	100	101	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	---	---	---	---	---
WILLCROSS	9738	109	83	---	---	---	---	---	---	---	---	---	102	---	---	---	---	---	---	---	---	---	---	---
WILLCROSS	9449NSTS	---	---	106	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	---	---	---	---	---
WILLCROSS	9450NSTS	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103
WILLCROSS	RR2300 *	---	---	---	---	---	---	---	---	---	---	---	95	---	---	---	---	---	---	---	---	---	95	---
WILLCROSS	RR2320N *	---	---	---	---	---	---	---	---	---	---	---	115	---	---	---	---	---	---	---	---	---	115	---
WILLCROSS	RR2338 *	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	---	---	---	---	---	---	97	---
WILLCROSS	RR2350 *	---	---	---	---	---	---	---	---	---	---	---	93	---	---	---	---	---	---	---	---	---	93	---
WILLCROSS	RR2351 *	---	---	---	---	---	---	---	---	83	---	---	83	111	---	---	---	---	---	---	---	---	111	---
WILLCROSS	RR2368 *	---	---	---	---	---	---	---	---	---	---	---	120	---	---	---	---	---	---	---	---	---	120	---
WILLCROSS	RR2370 *	---	---	---	---	---	---	---	---	---	---	---	117	---	---	---	114	---	---	---	---	---	115	---
WILLCROSS	RR2371N *	---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	---	---	---	106	---
WILLCROSS	RR2388N *	---	---	---	---	---	---	---	---	97	---	---	97	---	96	---	117	---	---	---	---	---	107	---
WILLCROSS	RR2390 *	---	---	---	---	---	---	---	---	---	---	---	104	87	112	---	93	---	---	---	---	---	99	---
WILLCROSS	RR2397 *	---	---	---	---	---	---	---	---	116	---	---	116	---	81	103	---	---	81	104	---	---	92	---
WILLCROSS	RR2399N *	---	---	---	---	---	---	106	97	---	---	---	102	79	110	95	---	97	106	96	---	---	97	---
WILLCROSS	RR2420N *	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	---	94	---
WILLCROSS	RR2430N *	---	---	---	---	---	---	---	---	---	---	---	---	88	84	---	---	---	---	---	---	---	86	---
WILLCROSS	RR2439 *	---	---	---	---	---	---	---	---	109	---	---	109	---	---	96	---	---	---	---	---	---	96	---
WILLCROSS	RR2449N *	---	---	---	---	---	---	87	---	---	---	---	87	---	---	78	89	---	79	103	---	---	87	---
WILLCROSS	RR2467N *	---	---	---	---	---	---	55	---	---	---	---	55	---	---	---	118	---	---	---	---	---	118	---
WILLCROSS	RR2469N *	---	---	---	---	---	---	94	---	---	---	---	94	---	---	114	112	---	113	125	---	---	116	---
WILLCROSS	RR2480N*	---	---	---	---	---	---	---	---	---	---	---	---	---	---	108	---	84	---	---	---	---	96	---
WILLCROSS	RR2490N *	---	---	---	---	---	---	67	---	---	---	---	67	---	---	---	97	---	---	97	---	---	97	---
WILLCROSS	RR2517N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	94	---
WILLCROSS	RR2549N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	111	---	---	---	---	---	---	111	---
WILLCROSS	RR2580N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	106	---
WILSON	3700	---	---	---	---	112	---	---	---	99	---	---	105	---	---	---	---	---	---	---	---	---	---	---
WILSON	3780RR/SCN *	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	---	129	105	---	---	110	---

\* BRO = BROWN COUNTY, SHA = SHAWNEE COUNTY, FRA = FRANKLIN COUNTY, RCI = REPUBLIC COUNTY, SCANDIA TEST, HAR = HARVEY COUNTY, SUM = SUMNER COUNTY, ELL = ELLIS COUNTY, STA = STAFFORD COUNTY, THO = THOMAS COUNTY, FIN = FINNEY COUNTY, AVGST = AVERAGE OF ALL STANDARD TRIALS, EXCEPT THE SOYBEAN CYST NEMATODE TRIAL (SCN), BRR = BROWN COUNTY ROUNDUP-RESISTANT, CHR = CHEROKEE COUNTY ROUNDUP-RESISTANT, RCR = REPUBLIC COUNTY ROUNDUP-RESISTANT, HRR = HARVEY COUNTY ROUNDUP-RESISTANT, STR = STAFFORD COUNTY ROUNDUP-RESISTANT, SHR = SHAWNEE COUNTY ROUNDUP-RESISTANT, FRR = FRANKLIN COUNTY ROUNDUP-RESISTANT, THR = THOMAS COUNTY ROUNDUP-RESISTANT, GRR = GREELEY COUNTY ROUNDUP-RESISTANT, FIR = FINNEY COUNTY ROUNDUP-RESISTANT, AVGRR = AVERAGE OF ALL ROUNDUP-RESISTANT TRIALS.



TABLE 25. DESCRIPTION OF ENTRIES IN 2000 SOYBEAN PERFORMANCE TEST. +

BRAND	NAME	MG	FC	HI	SCN				PHYTO		RR	STS	SHAT	
					R1	R3	R4	R14	SOURCE	RR				TOL
ADV. GENETICS	AG GALAXY II												1	
ADV. GENETICS	AG3400RR*	3.4	W	BL						H1ALK		Y	1	
ADV. GENETICS	AG3797 RR *	3.7	P	BL						RPS1k	1.8	Y	N	1
ADV. GENETICS	AG3800RR*	3.8	P	BL						RPS1a		Y		1
ADV. GENETICS	AG3920	3.0												2
ADV. GENETICS	AG3957 RR *	3.9	W	BL							3.0	Y	N	1
ADV. GENETICS	AG4012RR*	3.9	P	BL		R		R				Y		1
ADV. GENETICS	AG4188 STS	4.1	P	BL						RPS1c	3.2	N	Y	1
ADV. GENETICS	AG4333NRR*	4.3	P	BL		R		R		RPS1k	2.0	Y		1
ADV. GENETICS	AG4442RR*	4.5	P	BL		R		R		RPS1k		Y		1
ADV. GENETICS	AG4555RR*	4.5	W	BL							3.5	Y		1
ADV. GENETICS	AG4599NSTS	4.5	W	BL		R		R			3.5		Y	1
ADV. GENETICS	AG4827RR*	4.8	P	BL							3.2	Y		1
ADV. GENETICS	AG5277 RR *	5.2	P	BL							4.0	Y		1
ADV. GENETICS	DS 454	4.5	P	BL						RPS1c	3.0	N		1
AGRIPRO	2802RR*	2.8	P	BF	S	S	S	S			3.0	Y		2
AGRIPRO	3083RR*	3.0	M	BL	S	S	S	S		RPS1k	2.0	Y		1
AGRIPRO	3510RR*	3.5	P	BR	S	S	S	S		RPS1c	2.0	Y		1
AGRIPRO	3611RR/N*	3.6	W	BL	S	MR	S	S	PI88788		2.0	Y		1
AGRIPRO	3792RR/N*	3.7	P	IB	S	R	S	MR	PI88788		4.0	Y		1
AGRIPRO	4004RR/N*	4.0	P	BL	S	R	S	MR	PI88788		3.0	Y		1
AGRIPRO	4319RR/N*	4.3	M	BL	S	MR	S	MR	PI88788		2.0	Y		1
ASGROW	A3834	3.8	P	BL	S	S	S	S		S	4.0			1
ASGROW	AG2905*	2.9	W	BF	S	R	S	S		RPS1c	5.0	Y		2
ASGROW	AG3003 *	3.0	P	IB	S	S	S	S		RPS1k	6.0	Y	N	2
ASGROW	AG3201*	3.2	P	IB	S	MR	S	MR		RPS1k	4.0	Y		1
ASGROW	AG3302 *	3.3	P	IB	S	S	S	S		RPS1c	5.0	Y	Y	2
ASGROW	AG3701 *	3.7	P	IB	S	R	S	S	PI88788	S	5.0	Y	N	3
ASGROW	AG3702 *	3.7	P	IB	S	S	S	S		RPS1c	6.0	Y	N	1
ASGROW	AG4301 *	4.3	P	BL	S	R	S	R		S	5.0	Y	Y	1
ASGROW	AG4403*	4.4	P	BL	S	S	S	S		RPS1a	6.0	Y		1
ASGROW	AG4602*	4.6	P	BL	S	R	R	R		S	4.0	Y		2
ASGROW	AG4902*	4.9	W	BL	S	R	S	MR		RPS1k	3.0	Y		1
ASGROW	AG5001*	5.0	P	BL	S	S	S	S		S	3.0	Y		1
ASGROW	AG5501*	5.5	P	IB	S	R	S	S		S	3.0	Y		1
CROPLAN GENETICS	370RR*	3.7	P	IB						RPS1c	3.0	Y		2
CROPLAN GENETICS	480RR*	4.8	W	BL		R		R			5.0	Y		2
CROPLAN GENETICS	RC3838*	3.8	P	IB		R		R		RPS1c	3.0	Y		2
CROPLAN GENETICS	RC4495*	4.4	W	BL		R		R			5.0	Y		1
CROPLAN GENETICS	RT3557*	3.5	W	BL						RPS1k	2.0	Y		2
CROPLAN GENETICS	XST52	5.2	P	IB							5.0		Y	1
DAIRYLAND	DSR-381RR *	3.8	P	BL	S	S	S	S		RPS1k	1.5	Y	N	2
DAIRYLAND	DSR-421RR*	4.1	W	BL	S	S	S	S			1.5	Y	N	2
DEKALB	CX391RR*	3.9	W	BR	S	S	S	S		RPS1k	5.0	Y		1
DEKALB	CX400	4.0	W	BL	S	S	S	S		S	3.0	N	N	1
DEKALB	CX444cRR *	4.4	P	BL	S	S	S	S		S	6.0	Y	N	1
DEKALB	CX480cRR*	4.8	W	BL	S	S	S	S		S	3.0	Y		1
DEKALB	CX520cRR*	5.2	P	IB	S	S	S	S		S	4.0	Y		1
DEKALB	DKB28-51*	2.8	P	BL	S	S	S	S		S	7.0	Y		2
DEKALB	DKB31-51*	3.1	P	IB	S	S	S	S		RPS1k	5.0	Y		1
DEKALB	DKB35-51*	3.5	P	BL	S	S	S	S		RPS1k	7.0	Y		1
DEKALB	DKB36-51*	3.6	P	IB	S	R	S	S		RPS1c	4.0	Y		2
DEKALB	DKB38-51*	3.8	P	BL	S	S	S	S		RPS1a	5.0	Y		1
DEKALB	DKB44-51*	4.4	P	BL	S	S	S	S		RPS1a	6.0	Y		1
DELTAKING	XTJ584RR*	4.8	W	BL	S	S	S	S		RPS1a		Y		1
DELTAKING	XTJ784	4.7	P	BL	S	S	S	S		S	1.9			1
DELTAPINE	DP 3478	4.7	P	BL	MR	MR		MR			1.0	N	N	1
DELTAPINE	DP 4344RR *	4.3	W	BL	S	S		S			1.0	Y	N	2
DELTAPINE	DP 4690RR *	4.6	P	BL		S		S				Y	N	1
DELTAPINE	DP 4748S	4.7												2
DELTAPINE	DP 4909	4.9	W	BL		R		MR						1
DELTAPINE	SG 498RR*	4.9										Y		1
DPMS	3701	3.7	P	IB		R		MR		RPS1c				1
DPMS	4001	4.0	P	BR										2
DPMS	3801RR*	3.9	P	BL	S	S	S	S		RPS1k		Y		2
DPMS	3901RR*	3.9	P	BL	S	S	S	S		RPS1a		Y		2
DPMS	4401RR*	4.4	P	BL		R		MR		RPS1k		Y		1
DYNA-GRO	DG-3336	3.3	P	BR						RPS1k				1
DYNA-GRO	DG-3370RR *	3.7	P	BL	S	S	S	S		RPS1a	3.0	Y	N	2
DYNA-GRO	DG-3373NRR*	3.7	P	IB		R		MR		RPS1c		Y		2
DYNA-GRO	DG-3388RR *	3.8	P	BL	S	S	S	S		RPS1k	1.8	Y	N	2
DYNA-GRO	DG-3395	3.9	W	BL	S	S	S	S		RPS1c	1.7			2
DYNA-GRO	DG-3399RR*	3.9	P	BR						RPS1a		Y		2
DYNA-GRO	DG-3401NRR *	4.0	W	BL	S	R	S	MR	PI88788		1.5	Y	N	2

(CONTINUED)

TABLE 25. DESCRIPTION OF ENTRIES IN 2000 SOYBEAN PERFORMANCE TEST. + (CONTINUED)

BRAND	NAME	MG	FC	HI	SCN				SOURCE	PHYTO		RR	STS	SHAT
					R1	R3	R4	R14		RR	TOL			
DYNA-GRO	DG-3402STS	4.0	P	BL	S	S	S	S		RPS1c	2.0	N	Y	1
DYNA-GRO	DG-3438N	4.3	W	BL	S	R	S	MR	PI88788		1.8			1
DYNA-GRO	DG-3442NRR *	4.4	P	BL	S	R	S	MR	PI88788	RPS1k	3.0	Y	N	1
DYNA-GRO	DG-3468NRR *	4.6	W	BL	S	R	S	MR	PI88788		3.3	Y	N	1
DYNA-GRO	DG-3484NRR*	4.8	W	BL				MR			3.8	Y		1
DYNA-GRO	DG-3513RR*	5.1	P	F				MR			1.5	Y		1
FONTANELLE	415RR*	4.2	W	BL							3.0	Y		2
FONTANELLE	9973RR*	3.9	P	BR		R		R	PI88788		3.0	Y		2
GARST	D308	3.0	P	BL							3.5			2
GARST	D355RR *	3.5	P	BR	S	S	S	S		RPS1c		Y	N	1
GARST	D370RR *	3.7	P	BL/BR	S	S	S	S		RPS1a		Y	N	1
GARST	D381RR/STS*	3.8	P	BL						RPS1k	4.6	Y	Y	2
GARST	D385	3.8	P	BL						RPS1k	4.8			2
GARST	D398	3.9	W	BL	S	S		S			5.0	N	N	2
GARST	D399RRR/N *	3.9	P	BL				MR	PI88788		4.0	Y	N	2
GARST	D437RR/N *	4.3	M	BL	S	R		MR	PI88788	RPS1k	2.4	Y	N	1
GARST	D445/N	4.4	P	IB				MR	PI88788		4.0			1
GARST	D484RR/N *	4.8	W	BL				MR	PI88788			Y	N	1
GARST	D529RR*	5.2	P	BR							4.0	Y		1
GARST	X9940N31	4.1	W	BL				MR	PI88788		3.0			1
GARST	XR0044N01*	4.4	P	BL		R		MR	PI88788	RPS1k		Y		1
GOLDEN HARVEST	H-1500		W	BL	S	R	S	S	PI88788		1.5			1
GOLDEN HARVEST	H-3848RR*		P	BL	S	R	S	MR	PI88788		2.0	Y		2
GOLDEN HARVEST	H-4122RR*		P	BR	S	S	S	S		RPS1a	2.2	Y		1
GOLDEN HARVEST	H-4813RR*		P	BL	S	S	S	S			2.0	Y		1
GOLDEN HARVEST	H-5447STS		P	IB	S	R	S	MR	PI88788	RPS1a	2.0		Y	1
HAMON	H-427N	4.2	P	BL				R	PEKING		1.5			1
HAMON	H-445N	4.5	W	BL				R	M3		1.9			1
HOEGEMEYER	333	3.3	P	IB	S	S		S		RPS1a,6	7.0	N		1
HOEGEMEYER	379	3.7	P	W						RPS1a,6				2
HOEGEMEYER	341RR*	3.4	W	BR								Y		1
HOEGEMEYER	390STS	3.9	W	BL						RPS1c			Y	1
HOEGEMEYER	402STS	4.0	P	BR	S	S		S				N	Y	1
HOEGEMEYER	409RR*	4.0	W	BL				R		RPS1.6		Y		1
HOEGEMEYER	410NRR*	4.0	P						N/A	N/A	3.0	Y		2
HOEGEMEYER	439RR*	4.3	W	BF								Y		1
HOEGEMEYER	451SCN	4.4	W	BF										1
KSOY	DELISOY 5500	5.5	W			R		MR	Peking/PI88788	S		N	N	1
KSOY	KS3494	3.4	P	BL	S	S		S		S		N	N	2
KSOY	KS4694	4.6	W	BF	S	S		S		S		N	N	1
KSOY	KS4895	4.8	P	BL	S	S		S		S		N	N	1
KSOY	KS4997	4.9	W	BL	S	S		S		S		N	N	1
KSOY	MACON	3.8	W	BL	S	S		S		S		N	N	2
KSOY	STRESSLAND	4.2	P	BL	S	S		S		S		N	N	2
LEWIS	375	3.7												2
LEWIS	3717RR*	3.7										Y		1
LEWIS	3876RR*	3.8										Y		2
LEWIS	4228RR*	4.2										Y		2
LEWIS	4392RR *	4.3	P	BL	S	R	MR	MR	PI88788	RPS1k	1.5	Y	N	1
MFA MORSOY	3709N	3.7	P	IB				MR	PI88788	RPS1k	2.0			1
MFA MORSOY	4067SCN	4.0	W	BF				R	PI88788	RPS1c	2.0			1
MFA MORSOY	4426SCN	4.4	W	BL				R	PI88788		2.5			1
MFA MORSOY	4477SCN	4.4	W	BL				MR	PI88788		3.0			1
MFA MORSOY	RT 3549*	3.5	P	IB						RPS1c	2.0	Y		2
MFA MORSOY	RT 3967SCN*	3.8	W	BL				R	PI88788		2.5	Y		2
MFA MORSOY	RT 4478SCN*	4.4	W	BL				R	PI88788		3.0	Y		1
MFA MORSOY	RT 4889N*	4.8	W	BL				R	PI88788		3.0	Y		1
MFA MORSOY	RT3739*	3.8	P	BL						RPS1k	2.0	Y		1
MIDLAND	8287	2.8	P	BL							2.0	N		2
MIDLAND	8355	3.5	P	IB							2.8	N		1
MIDLAND	8371	3.7	P	BL								N		1
MIDLAND	8388	3.8	W	BL				R		RPS1a	4.0	N		2
MIDLAND	8393	3.9	P	BL							3.0	N		1
MIDLAND	8410	4.1	P	BR							4.0	N		1
MIDLAND	8421	4.2	W	BL				R			4.0	N		1
MIDLAND	8431	4.3	P	BL						RPS1k	2.0	N		1
MIDLAND	8530	5.3	M	BL				MR			2.0	N		1
MIDLAND	8322RR *	3.2	P	BL							2.0	Y		2
MIDLAND	8382RR *	3.8	P	BL						RPS1k	1.8	Y		1
MIDLAND	8390RR *	3.9	P	BL				R	MR		2.0	Y		1
MIDLAND	8394RR(N)*	3.9	W	BL				MR	MR		1.7	Y		2
MIDLAND	8396STS	3.9	P	BL						RPS1c	2.0	N	Y	1
MIDLAND	8398(N)	3.9	W	BF				MR			1.6	N		1
MIDLAND	8411BRR *	4.1	P	BR							1.8	Y		2

(CONTINUED)

TABLE 25. DESCRIPTION OF ENTRIES IN 2000 SOYBEAN PERFORMANCE TEST. + (CONTINUED)

BRAND	NAME	MG	FC	HI	SCN				PHYTO		RR	STS	SHAT	
					R1	R3	R4	R14	SOURCE	RR				TOL
MIDLAND	8422RR *	4.2	P	BL		R		MR		RPS1c	1.2	Y	1	
MIDLAND	8450STS(N)	4.5	W	BL		R	R					Y	1	
MIDLAND	8475(N)	4.7	W	BL		R		R			4.0	N	1	
MIDLAND	8540RR *	5.4		IB								Y	1	
MIDLAND	9A320STS	3.2	P	BL							1.4	N	Y	1
MIDLAND	9A331	3.3	W	BR						RPS1k	1.6			2
MIDLAND	9A350	3.5	P	IB										1
MIDLAND	9A380RR *	3.8	P	BL						RPS1k	1.4	Y		1
MIDLAND	9A401STS	4.0	P	BL							1.5		Y	1
MIDLAND	9A420N	4.2	P	IB		R		R			1.9			1
MIDLAND	9A441NRR*	4.4	P	BL		R		MR		RPS1k		Y		1
MIDLAND	9A460N	4.6	P	BL		R		MR			2.1			1
MIDLAND	9A480NRR*	4.8	W	BL		R		MR				Y		1
MIDLAND	9B331NRR*	3.3	P	BL		R					1.5	Y		2
MIDLAND	9B350RR*	3.5	W	BL						RPS1k	1.7	Y		2
MIDLAND	9B351	3.5	P	BR										1
MIDLAND	9B370N	3.7	P	IB						RPS1k	2.0			1
MIDLAND	9B371RR*	3.7	P	IB						RPS1k	2.0	Y		1
MIDLAND	9B411NRR*	4.1	P	BL		R		R		RPS1c	1.8	Y		2
MIDLAND	9B480RR*	4.8	P	BL								Y		1
MIDLAND	9E351RR*	3.5	M	IB							1.5	Y		1
MIDLAND	9E480	4.8	P	BL										1
MIDLAND	9G351STS	3.5	P	BL						RPS1k	1.0		Y	1
MIDLAND	9G380RR/STS*	3.8	P	BL						RPS1k		Y	Y	1
MIDLAND	9G480RR*	4.8	P	BL							1.9	Y		1
MIDLAND	XA351NRR*	3.5	P	IB		R		R		RPS1c	1.8	Y		2
MIDLAND	XA371NRR*	3.7	P	IB		R		MR		RPS1c		Y		2
MIDLAND	XA411NRR*	4.1	W	BL		MR					1.6	Y		2
MIDLAND	XA431N	4.3	W	BR		MR					1.8			1
MIDLAND	XA491N	4.9												1
MIDLAND	XA541NRR*	5.4	P	BF		R		MR		RPS1c	1.9	Y		1
MIDWEST SEED	G 3060R*	3.0	M	BL						RPS1k	1.6	Y		2
MIDWEST SEED	G 3245R*	3.2	W	BR						RPS1k	1.9	Y		2
MIDWEST SEED	G 3525R*	3.5	P	BR						RPS1c	1.9	Y		2
MIDWEST SEED	G 3625RN*	3.6	P	IB		R	MR	MR	PI88788		1.7	Y		1
MIDWEST SEED	G 3644S	3.6	W	BL						RPS1c	1.4			1
MIDWEST SEED	G 3745R*	3.7	P	BL						RPS1a	1.9	Y		2
MIDWEST SEED	G 3925RN *	3.9	P	BL		R	MR		PI88788		2.0	Y		2
MIDWEST SEED	G 3996	3.9	W	BL							2.3	N		1
MIDWEST SEED	G 4500RN*	4.5	W	BL		MR		MR	PI88788	RPS1k	1.9	Y		1
M-PRIDE	MPV350NRR*	3.5	P	IB		R		R	N/A	RPS1c	1.8	Y		2
M-PRIDE	MPV398NRR*	3.9	W	BL		MR		MR	N/A		1.7	Y		3
M-PRIDE	MPV437NRR*	4.3	W	BL		R		MR	N/A			Y		1
M-PRIDE	MPV457NRR*	4.5	W	BL		R			N/A	RPS1k		Y		1
M-PRIDE	MPV519NRR*	5.1	P	IB		T		T	N/A		1.9	Y		1
M-PRIDE	MPV537NRR*	5.3	P	BF		MR	MR	R	N/A		2.0	Y		1
MYCOGEN	5383	3.8	P	BL	S	S	S	S		RPS1a	4.0	N	N	1
MYCOGEN	5404	4.0	W	BR	S	S	S	S		RPS1a	5.0	N	N	1
MYCOGEN	5420N	4.2	P	IB	S	R	S	R	PI88788		3.0			1
MYCOGEN/ATLAS	5280RR*	2.8	W	BL	S	S	S	S		RPS1k	2.0	Y		2
MYCOGEN/ATLAS	5316RR*	3.1	M	BL	S	S	S	S		RPS1k	3.0	Y		2
MYCOGEN/ATLAS	5370RR*	3.7	P	BR	S	S	S	S		RPS1a	4.0	Y		2
MYCOGEN/ATLAS	5441NRR*	4.4	P	BL	S	R	S	MR		RPS1k	3.0	Y		1
MYCOGEN/ATLAS	5480NRR*	4.8										Y		1
NC+	2A97RR *	2.9	P	BL						RPS1k	3.0	Y		2
NC+	3A19RR *	3.1	M	BL							2.0	Y		2
NC+	3A72RR*	3.7	P	BL						RPS1a	3.0	Y		1
NC+	3A77RR *	3.7	P	BL							4.0	Y		1
NC+	3A85STS	3.8	M	BL						RPS1k	3.5			1
NC+	3A87	3.8	P	BL						RPS1a	4.0	N	N	2
NC+	3A99RR *	3.9	W	BR						RPS1k	2.5	Y		1
NC+	4A29RR *	4.2	W	BL						RPS1c	2.0	Y		1
NC+	4N26	4.2	P	IB		R	R	R			2.0	N		1
NC+	4N45STS	4.4	P	BL		R	R	R		RPS1k	2.0			1
NC+	4N79RR *	4.7	W	BL		R	R	R			5.0	Y		1
NC+	5A45RR*	5.4	P	IB		R	R	R			3.0	Y		1
NK	S29-C9*	2.0	W	BR							4.0	Y		2
NK	S30-P6*	3.0	W	BR						RPS1k	NA	Y		2
NK	S34-B2*	3.0	P	BL						RPS1k	4.0	Y		2
NK	S38-T8	3.0	P	BL		R		R		RPS1c	4.0			2
NK	S42-H1	4.0	P	BR		R		R		S	4.0			1
NK	S42-M1*	4.0	W	BL		R		R		S	3.0	Y		2
NK	S46-G2*	4.0	W	BL		R		R		S	NA	Y		1
NK	S57-11	5.0	P	BL		R		MR		RPS1c	2.0	N	N	1
NK	S57-A4*	5.0	P	BL		R		MR		S	7.0	Y		1
NK	X039R*	3.0										Y		1

(CONTINUED)

TABLE 25. DESCRIPTION OF ENTRIES IN 2000 SOYBEAN PERFORMANCE TEST. + (CONTINUED)

BRAND	NAME	MG	FC	HI	SCN				SOURCE	PHYTO		RR	STS	SHAT
					R1	R3	R4	R14		RR	TOL			
PIONEER	9294*	2.9	P	BL							6.0	Y		2
PIONEER	93B34*	3.3	P	BL						RPS1k	5.0	Y	N	2
PIONEER	93B35*	3.3	P	BL						RPS1k	6.0	Y		1
PIONEER	93B41	3.4	P	BL						RPS1k	6.0	N	N	1
PIONEER	93B51 *	3.5	W	BL							6.0	Y	N	2
PIONEER	93B53 *	3.5	P	BL						RPS1k	5.0	Y	N	2
PIONEER	93B82	3.8	P	BL						RPS1k	4.0	N	N	2
PIONEER	93B84 *	3.8	P	BL						RPS1k	7.0	Y		1
PIONEER	9492 *	4.9	W	BL		R		R	PEKING & PI88788		3.0	Y		1
PIONEER	94B01 *	4.0	W	BL		R		R	PEKING & PI88788		6.0	Y	N	2
PIONEER	95B32*	5.3	W	BF		R		MR	PEKING & PI88788		5.0	Y		1
PIONEER	95B33	5.3	P	IB		R		MR	PEKING & PI88788		5.0	N	N	1
PIONEER	95B53*	5.5	W	BL		R		R	PEKING & PI88788		4.0	Y		1
PIONEER	95B71 *	5.7	W	BL		R			PEKING & PI88788		5.0	Y		1
PRAIRIE BRAND	PB-3410RR*	3.4	W	BL						RPS1k		Y		1
PRAIRIE BRAND	PB-3770RR*	3.7	P	BL	S	S	S	S		RPS1a		Y		1
PRAIRIE BRAND	PB-3927RR*	3.9	M	IB							2.0	Y		1
PRAIRIE BRAND	PB-4100RR*	4.1	P	BR	S	S	S	S		RPS1a		Y		1
PUBLIC	ANAND	5.5	P	BL		R			PI437654	S		N	N	1
PUBLIC	FLYER	3.9	P	BL	S	S		S		RPS1k		N	N	1
PUBLIC	HS93-4118	4.2										N	N	1
PUBLIC	HUTCHESON	5.2	W	BF	S	S		S		S		N	N	1
PUBLIC	IA2021	2.0										N	N	2
PUBLIC	IA3010	3.0										N	N	1
PUBLIC	K1370	3.9				R								1
PUBLIC	K1380	4.2										N	N	2
PUBLIC	K1401	4.7										N	N	2
PUBLIC	K1410	4.2										N	N	2
PUBLIC	K1423	4.9										N	N	1
PUBLIC	K1424	5.7				R						N	N	1
PUBLIC	K1425	5.2				R		R	PI437654			N	N	1
PUBLIC	K1444	4.1				S								3
PUBLIC	K1454	4.4				S								1
PUBLIC	K1457	4.4				S								1
PUBLIC	K1459	4.3				S								2
PUBLIC	K1463	5.3				R		R	PI437654					1
PUBLIC	K1468	5.4				R								1
PUBLIC	K1469	5.4				R								1
PUBLIC	KS5292	5.2	W	BF	R	R		S	PEKING	S		N	N	1
PUBLIC	MANOKIN	5.0	W	BL	R	R		S	PEKING	S		N	N	1
PUBLIC	WILLIAMS 82	3.9	W	BL	S	S	S	S		RPS1k		N	N	1
STINE	3398-8 (3388)	3.3	P	BR	S	S	S	S		RPS1k		N	N	1
STINE	3500-0	3.5	P	BR	S	S	S	S		RPS1a, 1k				2
STINE	3503-4 *	3.5	W	BL	S	S	S	S		RPS1a		Y		1
STINE	3763-4 *	3.6	P	BR	S	S	S	S		RPS1k		Y		2
STINE	3800-4*	3.8	P	BL	S	S	S	S		RPS1a		Y		1
STINE	3870-0 (3870-1)	3.8	W	BL	S	S	S	S		RPS1a		N	N	2
STINE	3950-0	4.0	W	H	S	S	S	S						1
STINE	4001-4 *	4.1	P	BR	S	S	S	S		RPS1a		Y		2
STINE	4212-4*	4.2		BL	S	R	R	R	PI88788			Y		2
STINE	4702-2	4.7	M	BL	S	R	R	R	PI88788			N		1
STINE	4790	4.7	P	BR	S	S	S	S						1
STINE	EX5502-4 *	5.5			S	R	R	R	PI88788			Y		1
TAYLOR	396	3.0	W		S	S	S	S		RPS1a	2.2	N	N	2
TAYLOR	471	4.0	P		S	S	S	S		RPS1a	2.0	N		1
TAYLOR	3710	3.0	P			R		R		RPS1k	1.5	N		2
TAYLOR	370RR*	3.0	P		S					RPS1k	1.8	Y		2
TAYLOR	388RR*	3.0	P		S					RPS1a	2.0	Y		1
TAYLOR	394RR *	3.0	P	BR	S	S	S	S		RPS1a	2.0	Y		1
TAYLOR	415RR *	4.0			S					S	2.0	Y	N	2
TAYLOR	445RR *	4.0	P	BL	S	R	S	R		RPS1k	2.0	Y		1
TAYLOR	466RR*	4.0				R		R		RPS1k	2.0	Y		1
TAYLOR	488RR *	4.0	W		S	R	S	R		RPS1a	2.0	Y		1
TAYLOR	EXP T34A00RR*	3.0	W		S					RPS1k	2.0	Y		1
TAYLOR	EXP T37A07RR*	3.0	P		S					RPS1k	1.8	Y		2
TRIUMPH	TR3750RR*	3.7	P	BR						RPS1k	2.0	Y		1
TRIUMPH	TR3939RR *	3.9	P	BL		R	MR				3.0	Y	N	2
TRIUMPH	TR4319RR *	4.3	P	BL		R		MR		RPS1k	2.0	Y		1
TRIUMPH	TR4718RR *	4.7	W	BL		R		MR			3.0	Y		1
TRIUMPH	TR4810RR*	4.8	W	BL		R		MR			3.0	Y		1
TRIUMPH	TR5409RR *	5.4	P	BF		MR	MR	R			3.0	Y	N	1

(CONTINUED)

TABLE 25. DESCRIPTION OF ENTRIES IN 2000 SOYBEAN PERFORMANCE TEST. + (CONTINUED)

BRAND	NAME	MG	FC	HI	SCN				SOURCE	PHYTO		RR	STS	SHAT
					R1	R3	R4	R14		RR	TOL			
U.S. SEEDS	US E3401RR*	3.4	W	BL	S	S	S	S		RPS1a, 1k	2.0	Y		1
U.S. SEEDS	US E3701RR*	3.7	P	IB				MR	PI88788	RPS1c	2.5	Y		2
U.S. SEEDS	US E371	3.7	P	IB				MR	PI88788	RPS1c	2.5			2
U.S. SEEDS	US E421	4.2	W	BL				MR	PI88788		3.2			1
U.S. SEEDS	US E471	4.7	P	BR							3.5			1
U.S. SEEDS	US S350	3.5	W	BL	S	S	S	S		RPS3, 1a	2.5			2
U.S. SEEDS	US S3909RR *	3.9	P	BL	S	S	S	S		RPS1k	1.5	Y		1
U.S. SEEDS	US S399STS	3.9	P	BL	S	S	S	S		RPS1c	3.0	N	Y	1
U.S. SEEDS	US S4200RR*	4.2	P	BL							3.2	Y		2
U.S. SEEDS	US S4409RR *	4.4	P	BL				MR	PI88788	RPS1k	2.0	Y		1
U.S. SEEDS	US S4809RR *	4.8	W	BL				MR	PI88788		3.0	Y		1
WILLCROSS	9447	4.7	P	BL							1.5	N	N	1
WILLCROSS	9640	4.1	M	M						RPS1a	2.5	N	N	2
WILLCROSS	9738	3.8	P	BL						RPS1a	2.5	N	N	2
WILLCROSS	9449NSTS	4.4	P	BL								N	Y	
WILLCROSS	9450NSTS	4.5	W	BL		R	R					N	Y	2
WILLCROSS	RR2300 *	2.9	P	BL						RPS1a	1.9	Y		1
WILLCROSS	RR2320N *	3.2	P	IB		R		R		RPS1c	1.8	Y		1
WILLCROSS	RR2338 *	3.2	P	BL						RPS1k	1.9	Y	N	
WILLCROSS	RR2350 *	3.5	W	BL						RPS1c	1.7	Y		2
WILLCROSS	RR2351*	3.5	P	BR						RPS1c		Y		2
WILLCROSS	RR2368 *	3.6	P	BL						RPS1k	2.1	Y	N	1
WILLCROSS	RR2370 *	3.7	P	BL						RPS1a		Y		2
WILLCROSS	RR2371N *	3.7	P	IB		R		R		RPS1c		Y		2
WILLCROSS	RR2388N *	3.8	W	BL		R		R			1.7	Y		2
WILLCROSS	RR2390 *	3.9	W	BR						RPS1k		Y		1
WILLCROSS	RR2397 *	3.9	P	BL						RPS1c		Y	N	2
WILLCROSS	RR2399N *	3.9	P	BL		R		R			2.0	Y		2
WILLCROSS	RR2420N *	4.1	P	BL		R		R				Y		2
WILLCROSS	RR2430N *	4.3	W	BL		R		R			2.0	Y		2
WILLCROSS	RR2439 *	4.2	W	BL								Y		2
WILLCROSS	RR2449N *	4.4	P	BL		R		R		RPS1k		Y	N	2
WILLCROSS	RR2467N *	4.6	W	BL		R		MR			4.0	Y	N	1
WILLCROSS	RR2469N *	4.5	W	BL		R	R					Y		2
WILLCROSS	RR2480 *	4.8	W	BL		R		R		S	1.8	Y		1
WILLCROSS	RR2490N *	4.8	P	BL		R		R			1.9	Y		1
WILLCROSS	RR2517N *	5.1	P	BF		MR	R	R			2.0	Y		1
WILLCROSS	RR2549N *	5.4	P	BF		R		R		RPS1c	1.9	Y		1
WILLCROSS	RR2580N *	5.8	W	BF		R		R				Y		1
WILSON	3700	3.7	P	IB		R		R		RPS1c	3.0			1
WILSON	3780RR/SCN*	3.7	P	IB		R		R		RPS1c	3.0	Y		2

+ MG = MATURITY GROUP; FC = FLOWER COLOR: P = PURPLE; W = WHITE, M = MIXED; HI = HILUM COLOR: BL=BLACK, IB=IMPERFECT BLACK, BR = BROWN, BF = BUFF, G = GREY, Y = YELLOW, M = MIXED; PU = PUBESCENCE COLOR: T = TAWNY, BR = BROWN, G = GREY, PD = POD COLOR: BR= BROWN, T= TAN; SCN = SOYBEAN CYST NEMATODE: R1, R3, AND R14 = RACE 1, 3, AND 14, RESPECTIVELY; S = SUSCEPTIBLE, R = RESISTANT, MR = MODERATELY RESISTANT; PHYTO = PHYTOPHTHORA ROOT ROT; RR = RACE RESISTANT: RPS1a-etc, INDICATE MAJOR GENES FOR RESISTANCE, H= HETEROGENEOUS; TOL = FIELD TOLERANCE SCORE WITH 1 = EXCELLENT TO 9 = POOR; RR= ROUNDUP-RESISTANT: Y= YES, N= NO; STS= SULFONYLUREA HERBICIDE TOLERANCE: Y= YES, N= NO; SHAT=SHATTERING SCORE: 1= NO SHATTERING, 2 = 1 TO 10% SHATTERED, 3 = 11 TO 25% SHATTERED TWO WEEKS AFTER MATURITY. ALL INFORMATION EXCEPT SHATTERING SCORES SUPPLIED BY ENTRANT.

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