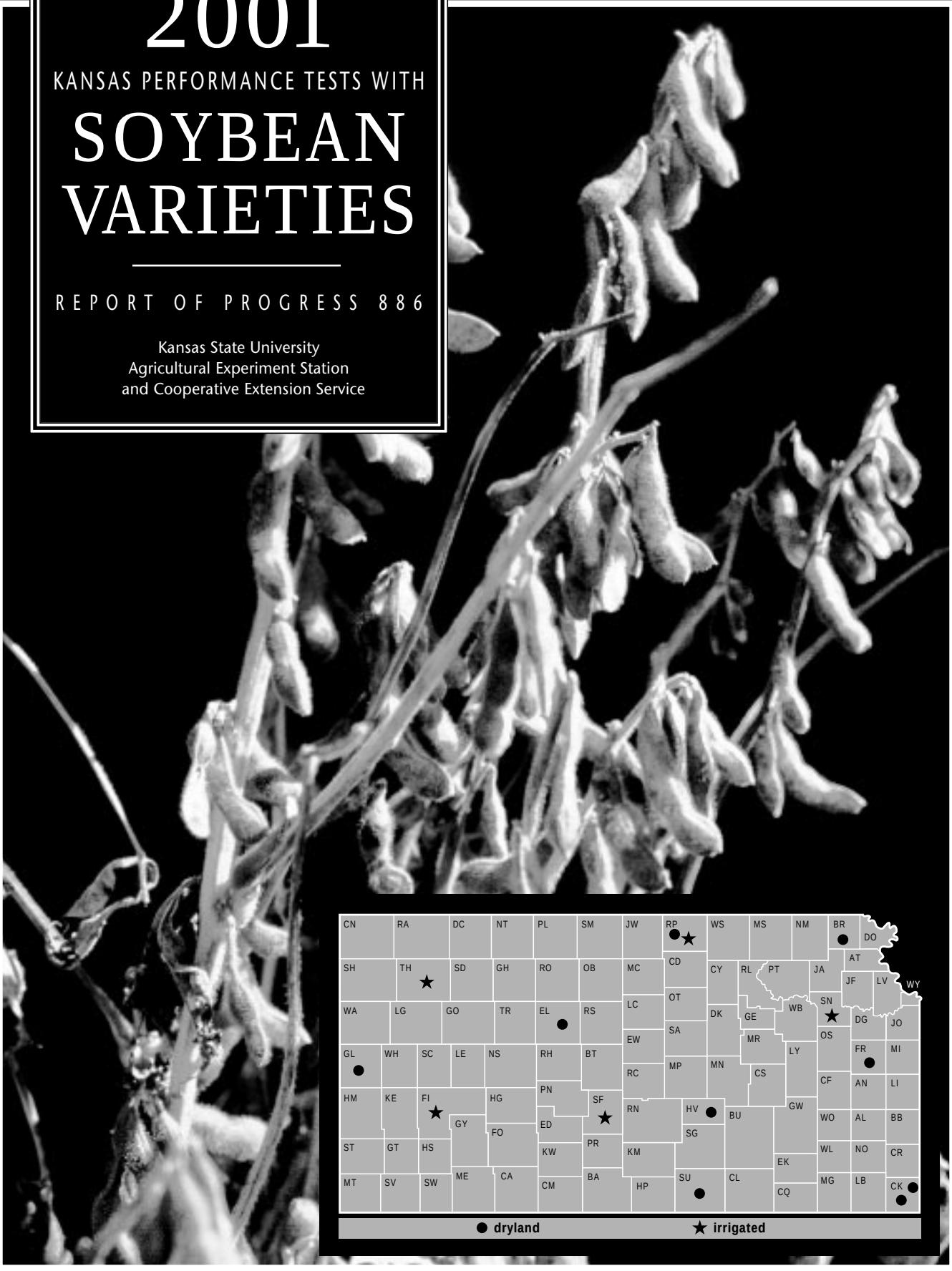
2001

KANSAS PERFORMANCE TESTS WITH SOYBEAN VARIETIES

REPORT OF PROGRESS 886

Kansas State University
Agricultural Experiment Station
and Cooperative Extension Service



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Contribution no. 02-224-S from the Kansas Agricultural Experiment Station.

2001 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. 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 24. Relative yields of each entry from all locations are shown in Table 25. Results of the tests also can be found at the Kansas Crop Performance Test 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 3 years is included in Table 7 (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 environments will provide a better estimate of genetic potential and stability than performance based on a few environments.

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.

2001 ENVIRONMENTAL FACTORS

Brown County: The initial planting in May at this site resulted in poor stand establishment, possibly because of a range in seed quality among the entries. Both the standard and Roundup-resistant trials were replanted on 18 June. Seedbed conditions were not ideal, and stand establishment was not uniform, especially in the standard trial. At least some of the variability among entries in seed yield is likely due to the ability of the entries to establish an adequate plant population under these conditions.

Shawnee County: This irrigated site generally produces some of the highest yields in the performance tests. Conditions this season again were favorable for high yields.

Franklin County: Emergence and plant establishment were excellent. Growing conditions were good through early pod development, but became dry in August.

Cherokee County: For the fourth season in a row, the southeast locations experienced severe drought. Late-summer rains benefited the later maturing entries in the standard, Roundup-resistant and soybean cyst nematode trials.

Republic County: Both the Belleville and Scandia locations received about twice the amount of rainfall in 2001 than received in 2000. Vegetative development was excellent throughout the early part of the growing season. However, no rainfall fell at the

dryland site from July 26 until August 23, stressing the plants during the critical pod-fill period and limiting yields. Once again this season, both irrigated standard and Roundup-resistant tests experienced a high level of infestation of soybean stem borer.

Harvey County: Plots were established into an excellent seedbed with good growing conditions in May and June. Air temperatures in July and August were above normal, with temperatures equal to or exceeding 100 ^{o}F on 19 days during this time. Because of the drought stress, plants matured unevenly, and some shattering in senesced plants occurred alongside immature plants.

Sumner County: Drought and heat stress throughout the growing season limited vegetative development and significantly restricted seed development.

Stafford County: Plant development and yield potential were improved this season compared to the performance in both 1999 and 2000.

Thomas County: Good growing conditions existed at this site throughout the season.

Finney County: Good growing conditions existed early in the season with above average rainfall throughout the spring and early summer. There was limited infestation of soybean stem borer in the plots, but damage to the plants appeared minimal.

Ellis County: High temperatures and dry conditions were tempered by timely rainfall that resulted in the highest yields achieved at this location since it became a soybean performance test site.

Greeley County: This location received minimal precipitation, however, rainfall received during July did result in yields of the best entries reaching 25 bu/a.

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.	K1370, K1401, K1410, K1424, K1425, K1459, K1463, K1479, K1493, K1497, K1537RR*, K1538RR*, K1539RR*, K1540RR*, K1541RR*, K1542RR*, K1543RR*, K1544RR*, K1545RR*, K1546RR*, KS3494, KS4694, KS4895, KS4997, KS5292
Maryland A.E.S.	Manokin
Missouri Seed Improvement Assoc. 3211 Lemone Industrial Blvd (MSIA) Columbia, MO 65201 phone: 573-449-0586 fax: 573-874-3193	Anand, Delsoy 5500
Ohio A.R.D.C. and USDA-ARS	Flyer, Stressland
Virgina A.E.S.	Hutcheson
Advanced Genetics (Adv. Genetics) N. Hwy. 14 Beloit, KS 67420 phone: 785-738-5775 fax: 785-738-2688	AG2942RR*, AG3232RR*, AG3741RR*, AG3797RR*, AG3992RR*, AG3827RR/STS*, AG3950STS, AG3957RR*, AG4188STS, AG4442RR*, AG5012NRR*, AG5424NRR*, AGX3111RR*, AGX3610*, AGX3832RR*
Agri Pro Seed Company (AgriPro) 615 Main Street Box 300 Coon Rapids, IA 50058 phone: 1-800-831-1850 fax: 712-684-2211	3510RR*, 3881RR/STS*
Garst Seed Company (AgriPro) 615 Main Street Box 300 Coon Rapids, IA 50058 phone: 800-831-1850 fax: 712-684-2211	2912RR/N*, 2933RR*, 3083RR*, 4512RR/N*, 5512RR/N*
Monsanto (Asgrow) 3100 Sycamore Rd. Dekalb, IL 60115 phone: 1-800-833-5252 fax: 1-314-694-5557	AG2703*, AG3201*, AG3302*, AG3503*, AG3702*, AG3902*, AG3903*, AG4403*, AG4702*, AG4902*, AG5001*, AG5501*
Croplan Genetics (Croplan Genetics) P.O. Box 64406 St. Paul, MN 55164-0406 phone: 651-634-8104 fax: 651-634-8111	RC3335, RC3866, RC3939, RC4444, RC4848, RC5252
Crow's Hybrid Corn Company (Crow's) 612 E. Dunlap Street Kentland, IN 47951 phone: 800-331-7201 fax: 219-474-3062	C3315R*, C3715R*, C3915R*
Monsanto (Dekalb) 3100 Sycamore Rd. Dekalb, IL 60115 phone: 800-833-5252 fax: 314-694-5557	DKB28-51*, DKB31-51*, DKB32-52*, DKB35-51*, DKB36-51*, DKB38-51*, DKB38-52*, DKB40-51*, DKB44-51*, DKB45-51*
Delta and Pine Land Co. (Deltapine) 1301 East 50th Lubbock, TX 79404 phone: 806-740-1600 fax: 806-740-1662	DP4344RR*, DP 4690RR*, DP 4748S, DPLX4300RR*, DPLX4885RR*
U.A.P.-Pueblo (Dyna-Gro) 2502 John St. Garden City, KS 67846 phone: 620-275-6127 fax: 620-275-1052 .	DG-3323RR*, DG-3362NRR*, DG-3370RR*, DG-3373NRR*, DG-3388RR*, DG-3390NRR*, DG-3395, DG-3399RR*, DG-3401NRR*, DG-3443NRR*, DG-3468NRR*, DG-3484NRR*, DG-3521NRR*

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

ENTRANT	BRAND OR ENTRY
Garst Seed Co. (Garst) P.O. Box 300 Coon Rapids, IA 50058 phone: 1-800-831-1850 fax: 712-684-2211	D355RR*, D381RR/STS*, D385, D398, D437RR/N*, D445/N, D484RR/N*
Hamon Seed Farms (Hamon) 5557 190th St. Valley Falls, KS 66088 phone: 785-945-3584 fax: 785-945-3588	427N
Hoegemeyer Hybrids (Hoegemeyer) 1755 Hoegemeyer Rd. Hooper, NE 68031 phone: 402-654-3399 fax: 402-654-3342	329STS, 340RR*, 351RR*, 390STS, 391NRR*, 402ASTS, 410NRR*, 413NRR*, 429RR*, 452NSTS
Lewis Hybrids, Inc. (Lewis) P.O. Box 38, West Maple St. Ursa, IL 62376 phone: 217-964-2131 fax: 217-964-2232	3814RR*, 3999RR*, 4119RR*
MFA Incorporated (MFA Morsoy) 201 Ray Young Dr. Columbia, MO 65201 phone: 573-876-5285 fax: 573-876-5233	3709N, 4426SCN, RT 4020N*, RT 4478SCN*, RT 4480N*, RT 4499N*, RT 4809*, RT 5110N*, RT 5440N*, RT 4331N*
Midland Genetics Group (Midland) 1906 Kingman Rd. Ottawa, KS 66067 phone: 785-242-3598 fax: 785-242-1029	8382RR*, 9A292NRR*, 9A312RR*, 9A332NRR*, 9A350, 9A351NRR*, 9A362NRS*, 9A382NRR*, 9A392NRR*, 9A411NRR*, 9A432NRS*, 9A442NRR*, 9A462NRS*, 9A532NRR*, 9A541NRR*, 9B340RR*, 9B351, 9B370N, 9B371RR*, 9B391STS, 9B480RR*, 9G351STS, 9G380RR/STS*, 9G480NRR*, XP 39, XP 40RR*, XP 41, XP 42
Midwest Premium Genetics (M-Pride) 101 N.E. Davis Rd. Concordia, MO 64020 phone: 660-463-7333 fax: 660-463-7171	MPV381NRR*, MPV430NSTS*, MPV437NRR*, MPV440STS, MPV457NRR*, MPV472NRR*, MPV492NRR*, MPV532NRR*, MPV552NRR*
Midwest Seed Genetics (Midwest Seed) P.O. Box 518 Carroll, IA 51401 phone: 800-369-8218 fax: 712-792-6725	GR3101*, GR3331*, GR3506*, GR3731*, GR3931*, GR4452*, GR4744*, GR4838*, GR5138*, GR5434*
NC+ Hybrids (NC+) Box 4408 Lincoln, NE 68504 phone: 402-467-2517 fax: 402-467-4217	3A41RR*, 3A72RR*, 3A83RRSTS*, 3A99RR*, 3A61RR*, 4A29RR*, 4N51RR*, 4N79RR*, 5A45RR*
Syngenta Seeds (NK) 1060 Wheatland Dr. Buhler, KS 67522 phone: 316-543-2707 fax: 316-543-2811	S29-C9*, S30-P6*, S32-M2*, S39-Q4*, S46-W8*, S52-U3*, S57-A4*, S58-R3*, S59-V6*
Pioneer Hi-Bred Int'l., Inc. (Pioneer) 1616 S. Kentucky, Suite C-150 Amarillo, TX 79102 phone: 806-356-0160 fax: 806-356-0185	93B01*, 93B35*, 93B41, 93B53*, 93B72*, 93B82, 93B85*, 9492*, 94B01*, 94B23*, 94B73*, 95B32*, 95B53*

(CONTINUED)

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

ENTRANT	BRAND OR ENTRY
Prairie Brand Seed Co. (Prairie Brand) 15 X Ave. Story City, IA 50248 phone: 1-800-544-8751 fax: 515-733-2219	PB-3550RR*, PB-3621RR*, PB-3712NRR*, PB-3961NRR*
Stine Seed Co. (Stine) 2225 Laredo Trail Adel, IA 50003 phone: 800-362-2510 fax: 515-677-2716	3232-4*, 3632-4*, 3763-4*, 3800-4*, 3808-4*, 3870-0*, 4001-4*, 4202-4*, 4402-4*, 4482-4*, 4700-4*, 4702-4*
Taylor Seed Farms, Inc. (Taylor) 2467 HWY 7 White Cloud, KS 66094 phone: 785-595-3236 fax: 785-595-3316	311RR*, 388RR*, EXP33T-01RR*, 357RR*, EXP360RR*, 380RR*, 427RRS*, 440RR*, 430RR*, EXPTC-33, EXPTC-37
Triumph Seed Co., Inc. (Triumph) P.O. Box 1050 Ralls, TX 79357 phone: 800-530-4789 fax: 806-253-4012	TR3750RR*, TR3939RR*, TR4462RR*, TR4810RR*, TR5409RR*, TR5511RR*
United Suppliers, Inc. (U.S. Seeds) P.O. Box 538 Eldora, IA 50627 phone:641-858-2341 fax: 641-939-7559	US E352, US E3802RR/STS*, US E4002RR*, US E4402RR*, US E5402RR*, US S3701RR*, US S371, US S421, US S471, US S4809RR*
W.S.D.A. (Willcross) P.O. Box 560 Garden City, MO 64747 phone: 877-862-6326 fax: 816-862-8206	RR2331N*, RR2350*, RR2351*, RR2361N*, RR2362N*, RR236B2*, RR2370*, RR2371N*, RR2392N*, RR2399N*, RR2422N*, RR2439N*, RR243B9N*, RR2442N*, RR2451NSTS*, RR2469N*, RR2481N*, RR2482NSTS*, RR2490N*, RR2517N*, RR2542N*, RR2549N*

TABLE 2. LOCATIONS, CULTURAL PRACTICES, AND RAINFALL FOR 2001 SOYBEAN PERFORMANCE TESTS.

	COUNTY: DRYLAND						
ITEM	BROWN	FRANKLIN	REPUBLIC	HARVEY	SUMNER	GREELEY	ELLIS
Cooperator	L. Maddux (785) 474-3469	K. Janssen (785) 242-5616	B. Gordon (785) 335-2836	M. Claassen (620) 327-2547	B. Heer (620) 662-9021	A. Schlegel (620) 376-4761	C. Thompson (785) 625-3425
Station or field	Powhattan	Ottawa	Belleville	Hesston	Argonia	Tribune	Hays
Soil: texture	Silty clay loam	Silt loam	Silt loam	Irwin silty clay loam	Silt loam	Silt loam	Silt loam
pH	6.7	—	6.2	6.7	6.1	8.2	7.2
Organic matter (%)	2.9	3.2	2.8	1.9	1.8	1.5	1.6
P test	L	—	L	H	M		H
K test	M	—	M	M	M	—	H
Planting date	6/18	5/25	5/10	5/22	5/12	5/23	5/10
Herbicides ** (per acre)	1.5pt. Roundup Ultra+ 4oz. Authority+ 12 oz.Lorox +1.33pt. Dual (ST); 1.5 pt. Roundup Ultra,1.0 qt. Roundup Ultra+0.3oz FirstRate (RR)	3 pt. Squad. (ST); 1 qt. Roundup (RR)	2pt. Dual + 0.6oz. First Rate	2.8 oz. Scep. + 2qt. Lasso (ST); 1 qt. Roundup Ultra (RR)	Dual II Magnum + Lexone	16 oz. Roundup, 32 oz. Roundup	1.4 oz. Pursuit + 2pt. Dual II
Fertilizers (lbs/a)	9N, 23P	None	None	None	16N, 40P	100N, 15P	9N, 23P
Test avg. (bu/a)							
Standard	25.2 (18.3)***	35.2 (7.5)	25.5 (8.3)	19.6 (18.6)	9.6 (16.8)		27.7 (5.2)
Roundup resistant	32.6 (11.7)	27.6 (11.0)		19.7 (15.0)		17.3 (12.6)	
Row length (ft)	24	28	25	30	30	27	30
Seeding rate (seeds/ft)	8	8	10	8	8	8	8
Rows harvested	2	2	2	2	2	2	3
Rainfall (R) or Irrigation (I)	R	R	R	R		R	
April	2.7	0.8	3.3	1.5		0.7	
May	4.3	4.1	7.0	4.4		3.1	
June	6.9	6.0	3.8	7.2		1.2	
July	6.2	2.7	5.9	1.8		4.5	
August	2.1	2.8	1.2	3.2		1.3	
September	6.3	3.8	5.0	6.9		0.8	
Total	28.5	20.2	26.2	25.0		11.6	

(CONTINUED)

TABLE 2. LOCATIONS, CULTURAL PRACTICES, AND RAINFALL FOR 2001 SOYBEAN PERFORMANCE TESTS. (CONTINUED)

	COUNTY: DRYLAND			COUNTY: IRRIGATED				
ITEM	CHEROKEE	CHEROKEE	CHEROKEE	SHAWNEE	REPUBLIC	STAFFORD	THOMAS	FINNEY
Cooperator	J. Long (620) 421-4826	J. Long (620) 421-4826	J. Long (620) 421-4826	L. Maddux (785) 354-7236	B. Gordon (785) 335-2836	V. Martin (620) 549-3345	P. Evans (785) 462-6281	M. Witt (620) 276-8286
Station or field	Pittsburg (RR)	Wilkinsons/ Draeger (SCN)	Columbus (ST)	Topeka	Scandia	St. John	Colby	Garden City
Soil: texture	Silt loam	Silt loam	Silt loam	Silt loam	Silt loam	Sandy loam	Keith silt loam	Elysses silt loam
pH	7.0	7.1	6.5	6.6	6.5	6.2	7.6	7.9
Organic matter (%)	2.1	—	—	1.7	3.0		1.5	1.3
P test	H	H	M	M	M	M	—	M
K test	H	H	M	M	H	H	—	H
Planting date	6/13	6/12	6/12	5/14	5/15 (ST) 5/16 (RR)	5/18	5/15	6/06
Herbicides ** (per acre)	1 qt. Trifluralin + 26oz. Roundup Ultra Max	3pt. Squad.; 1pt. Storm + 12oz. Select + 1qt. Oil	3pt. Squad.; 1pt. Storm + Classic 1/2oz.	3.0pt. Prowl + 6.4oz. Canopy XL (ST); 1.0 qt. Roundup Ultra + AMS (RR)	1.5 pt. Dual + 0.6oz. FirstRate (ST); 1.5pt. Dual + 32oz. Roundup (RR)	1qt. Roundup (2)	1.5 pt. Treflan (ST); 24 oz. Roundup Ultra (RR)	2.5 pt. Pursuit Plus
Fertilizers (lbs/a)	70P, 70K	None	20N, 50P, 50K	12N, 40P	None		50N, 30P	None
Test avg. (bu/a)								
Standard		16.8 (15.1)	MG 3/4 15.0 (17.0) MG 5 24.1 (11.2)	62.2 (6.5)	64.3 (3.8)		59.7 (8.0)	47.7 (16.3)
Roundup resistant	MG 3/4 24.1 (10.3) MG 5 36.0 (7.1)			66.6 (8.3)	62.0 (2.7)	60.8 (9.8)	64.8 (5.3)	51.1(16.5)
Row length (ft)	14	14	14	24	25	24	20	20
Seeding rate (seeds/ft)	8	8	8	8	10	10	9	10
Rows harvested	2	2	2	2	2	2	2	4
Rainfall (R) or Irrigation (I)			R	R I	R I	R	R I	R I
April			3.2	2.5	3.9	1.5	3.0	1.5
May			3.8	1.6	10.6	6.7	3.4	7.8
June			8.3	4.6	3.4	2.7	0.4	3.0
July			0.9	2.2 2.8	6.9 3.5	4.6	3.1 12.0	2.7
August			3.7	3.0 2.1	1.1 8.0	1.1	1.7 9.0	1.3 8.0
September			3.3	1.6 ___	4.9 2.5	3.4	3.0 2.0	1.1 8.0
Total			23.1	15.5 4.9	30.8 14.0	20.0	14.6 23.0	17.5 16.0

** Squad. = Squadron, Scep. = Sceptor, *** Coefficient of variability.

TABLE 3. BROWN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
DYNA-GRO	DG-3395	23.6	31.6	32.8	27.6	29.3	94	111	94	10/9	1.0	27
GARST	D398	19.9	28.7	37.6	24.3	28.7	79	101	108	10/8	1.0	24
HAMON	427N	36.5	30.4	41.4	33.5	36.1	145	107	119	10/11	1.0	28
KSOY	KS4694	21.6	24.1	36.9	22.9	27.5	86	85	106	10/16	1.0	26
KSOY	MACON	23.3	25.5	35.2	24.4	28.0	92	89	101	10/8	1.0	26
KSOY	STRESSLAND	34.5	25.5	31.6	30.0	30.5	137	89	90	10/10	1.0	31
PIONEER	93B82	32.1	30.6	39.9	31.4	34.2	127	107	114	10/7	1.0	28
PUBLIC	IA2021	18.6	28.4	21.9	23.5	23.0	74	100	63	10/1	1.0	27
PUBLIC	IA3010	15.2	30.0	33.4	22.6	26.2	60	105	96	10/9	1.0	22
PUBLIC	K1370	10.3	23.2	---	16.8	---	41	81	---	10/10	1.0	25
PUBLIC	K1410	22.3	30.8	33.8	26.6	29.0	88	108	97	10/9	1.0	27
PUBLIC	K1459	24.0	30.7	---	27.4	---	95	108	---	10/11	1.0	28
PUBLIC	K1479	30.5	---	---	---	---	121	---	---	10/9	1.0	29
PUBLIC	K1493	24.3	---	---	---	---	96	---	---	10/8	1.0	29
PUBLIC	K1497	31.9	---	---	---	---	127	---	---	10/10	1.0	29
PUBLIC	WILLIAMS 82	15.1	24.0	26.1	19.6	21.7	60	84	75	10/12	1.0	28
US SEEDS	US E352	27.9	---	---	---	---	111	---	---	10/4	1.0	27
US SEEDS	US S371	34.2	---	---	---	---	136	---	---	10/9	1.0	29
US SEEDS	US S421	34.5	---	---	---	---	137	---	---	10/9	1.0	27
TEST AVERAGES		25.2	28.5	34.9								
LSD(.10)		6.3	5.1	5.4								

TABLE 4. SHAWNEE COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG3950STS	57.1	---	---	---	---	92	---	---	10/3	1.3	38
DYNA-GRO	DG-3395	66.5	44.6	65.1	55.6	58.7	107	106	103	10/8	1.7	39
GARST	D385	61.7	44.4	50.2	53.1	52.1	99	106	79	10/3	1.3	41
GARST	D398	63.2	48.1	78.6	55.7	63.3	102	115	124	10/9	1.8	41
HAMON	427N	72.5	54.1	78.1	63.3	68.2	117	129	123	10/8	1.7	38
HOEGEMEYER	390STS	69.0	37.6	---	53.3	---	111	90	---	10/2	1.3	40
HOEGEMEYER	402ASTS	58.2	---	---	---	---	94	---	---	10/8	1.8	43
HOEGEMEYER	452NSTS	67.5	---	---	---	---	109	---	---	10/10	1.7	41
KSOY	KS4694	55.4	40.9	58.7	48.2	51.7	89	97	92	9/15	1.7	42
KSOY	MACON	62.8	41.2	66.8	52.0	57.0	101	98	105	10/6	1.0	36
KSOY	STRESSLAND	54.6	34.6	54.3	44.6	47.8	88	82	86	10/6	1.5	41
MIDLAND	XP 39	62.8	---	---	---	---	101	---	---	10/5	1.8	40
MIDLAND	XP 41	55.3	---	---	---	---	89	---	---	10/6	2.0	40
PIONEER	93B82	70.4	47.8	69.3	59.1	62.5	113	114	109	10/2	1.3	37
PUBLIC	IA2021	51.5	29.1	43.2	40.3	41.3	83	69	68	9/10	1.2	31
PUBLIC	IA3010	65.0	47.0	61.7	56.0	57.9	105	112	97	9/25	1.0	28
PUBLIC	K1370	56.4	42.3	---	49.3	---	91	101	---	10/6	1.3	41
PUBLIC	K1410	63.6	38.1	67.4	50.9	56.4	102	91	106	10/8	1.3	36
PUBLIC	K1459	59.9	42.9	---	51.4	---	96	102	---	10/7	1.8	39
PUBLIC	K1479	65.7	---	---	---	---	106	---	---	10/8	1.8	39
PUBLIC	K1493	64.3	---	---	---	---	103	---	---	10/8	1.3	39
PUBLIC	K1497	62.4	---	---	---	---	100	---	---	10/9	1.7	38
PUBLIC	WILLIAMS 82	51.2	44.7	53.4	48.0	49.8	82	106	84	10/5	1.7	43
STINE	3870-0	64.6	49.7	79.0	57.2	64.4	104	118	124	10/5	1.8	39
TAYLOR	EXPTC-33	67.8	---	---	---	---	109	---	---	9/22	1.3	38
TAYLOR	EXPTC-37	67.5	---	---	---	---	109	---	---	10/1	1.5	36
TEST AVERAGES		62.2	42.0	63.5								
LSD(.10)		5.5	7.3	9.5								

TABLE 5. FRANKLIN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG4188 STS	39.8	---	44.4	---	---	113	---	108	9/30	1.0	28
DYNA-GRO	DG-3395	43.0	13.8	43.0	28.4	33.3	122	90	104	10/9	1.0	28
GARST	D385	36.0	---	---	---	---	102	---	---	10/1	1.0	27
GARST	D445/N	41.3	17.1	46.8	29.2	35.1	117	112	113	10/6	1.0	28
HOEGEMEYER	329STS	30.6	---	---	---	---	87	---	---	9/24	1.0	24
HOEGEMEYER	390STS	32.3	18.7	---	25.5	---	92	122	---	9/26	1.0	26
HOEGEMEYER	402ASTS	38.8	---	---	---	---	110	---	---	9/30	1.0	29
HOEGEMEYER	452NSTS	34.1	---	---	---	---	97	---	---	10/7	1.0	31
KSOY	KS4694	34.4	14.7	39.9	24.5	29.7	98	96	97	10/6	1.0	26
KSOY	MACON	40.4	17.3	39.2	28.9	32.3	115	113	95	9/29	1.0	25
KSOY	STRESSLAND	31.1	15.3	42.7	23.2	29.7	88	100	104	9/30	1.0	31
M-PRIDE	MPV430NSTS	34.0	---	---	---	---	97	---	---	10/6	1.0	28
M-PRIDE	MPV440STS	35.3	---	---	---	---	100	---	---	10/6	1.0	30
MFA MORSOY	3709N	37.7	16.7	---	27.2	---	107	109	---	9/27	1.0	27
MFA MORSOY	4426SCN	37.6	16.1	---	26.9	---	107	105	---	10/2	1.0	27
PIONEER	93B82	38.1	23.2	40.6	30.7	34.0	108	152	98	9/26	1.0	28
PUBLIC	IA2021	9.6	13.1	30.3	11.4	17.7	27	86	73	9/10	1.0	22
PUBLIC	IA3010	32.8	19.6	40.2	26.2	30.9	93	128	97	9/23	1.0	22
PUBLIC	K1370	33.4	15.2	---	24.3	---	95	99	---	9/27	1.0	29
PUBLIC	K1410	40.2	15.4	36.0	27.8	30.5	114	101	87	10/1	1.0	28
PUBLIC	K1459	36.3	16.7	---	26.5	---	103	109	---	10/3	1.0	28
PUBLIC	K1479	35.6	---	---	---	---	101	---	---	10/4	1.0	29
PUBLIC	K1493	35.7	---	---	---	---	101	---	---	9/27	1.0	30
PUBLIC	K1497	34.9	---	---	---	---	99	---	---	10/1	1.0	28
PUBLIC	WILLIAMS 82	31.5	13.5	30.9	22.5	25.3	89	88	75	10/1	1.0	33
TEST AVERAGES		35.2	15.3	41.3								
LSD(.10)		3.6	1.7	4.5								

TABLE 6. CHEROKEE COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1998-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	1999	1998	2-Yr	3-Yr	2001	1999	1998	------2001------		
					MATURITY GROUPS II-IV							
ASGROW	AG4403 *	18.7	---	---	---	---	125	---	---	9/26	1.0	20
DEKALB	DKB45-51 *	14.4	---	---	---	---	96	---	---	9/27	1.0	21
DYNA-GRO	DG-3395	13.7	12.1	52.3	12.9	26.0	91	77	120	9/22	1.0	18
KSOY	KS4694	17.1	17.3	37.8	17.2	24.1	114	109	86	9/29	1.0	20
KSOY	MACON	13.3	12.7	46.8	13.0	24.3	89	80	107	9/24	1.0	20
KSOY	STRESSLAND	16.4	16.6	46.4	16.5	26.5	109	105	106	9/21	1.0	22
MFA MORSOY	4426SCN	17.4	---	---	---	---	116	---	---	9/27	1.0	22
PUBLIC	IA2021	7.4	14.4	46.7	10.9	22.8	49	91	107	9/12	1.0	17
PUBLIC	IA3010	12.5	16.9	52.8	14.7	27.4	83	106	121	9/19	1.0	17
PUBLIC	K1370	11.3	---	43.6	---	---	75	---	100	9/17	1.0	20
PUBLIC	K1410	17.3	17.2	---	17.3	---	115	109	---	9/26	1.0	19
PUBLIC	K1459	18.6	---	---	---	---	124	---	---	9/27	1.0	22
PUBLIC	K1479	15.1	---	---	---	---	101	---	---	9/22	1.0	20
PUBLIC	K1493	15.7	---	---	---	---	105	---	---	9/20	1.0	21
PUBLIC	K1497	16.9	---	---	---	---	113	---	---	9/23	1.0	19
PUBLIC	WILLIAMS 82	14.0	14.4	41.5	14.2	23.3	93	91	95	9/24	1.0	20
TEST AVERAGES		15.0	15.8	43.7								
LSD(.10)		3.5	3.3	5.2								

(CONTINUED)

TABLE 6. CHEROKEE COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1998-2001. (CONTINUED)

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	1999	1998	2-Yr	3-Yr	2001	1999	1998		2001	
					MATURITY GROUPS IVS-V							
ASGROW	AG4702 *	16.7	---	---	---	---	69	---	---	10/1	1.0	22
ASGROW	AG5001 *	22.4	---	---	---	---	93	---	---	10/5	1.0	23
ASGROW	AG5501 *	26.5	---	---	---	---	110	---	---	10/10	1.0	21
DELTAPINE	DP 4748S	23.7	---	---	---	---	98	---	---	10/2	1.0	27
KSOY	KS4895	21.4	16.0	31.0	18.7	22.8	89	87	95	10/1	1.0	23
KSOY	KS4997	24.8	19.1	37.7	22.0	27.2	103	103	116	10/2	1.0	19
MSIA	ANAND	28.9	22.9	38.8	25.9	30.2	120	124	119	10/9	1.0	19
MSIA	DELSOY 5500	25.1	18.9	34.8	22.0	26.3	104	102	107	10/10	1.0	19
PIONEER	94B73 *	20.6	---	---	---	---	85	---	---	9/30	1.0	21
PIONEER	95B33	25.7	18.1	42.3	21.9	28.7	107	98	130	10/4	1.0	21
PIONEER	95B53 *	26.6	---	---	---	---	110	---	---	10/11	1.0	22
PUBLIC	HUTCHESON	27.4	18.1	32.8	22.8	26.1	114	98	101	10/13	1.0	20
PUBLIC	K1401	15.5	18.1	---	16.8	---	64	98	---	9/29	1.0	16
PUBLIC	K1424	24.2	19.5	---	21.8	---	100	105	---	10/18	1.0	18
PUBLIC	K1425	29.5	18.0	---	23.7	---	122	97	---	10/11	1.0	20
PUBLIC	K1463	26.0	---	---	---	---	108	---	---	10/10	1.0	25
PUBLIC	KS5292	21.2	16.3	34.8	18.8	24.1	88	88	107	10/7	1.0	19
PUBLIC	MANOKIN	29.2	23.2	31.5	26.2	28.0	121	126	97	10/4	1.0	23
TEST AVERAGES		24.1	18.5	32.6								
LSD(.10)		3.7	3.5	5.0								

TABLE 7. CHEROKEE COUNTY SOYBEAN PERFORMANCE ON SOIL INFESTED WITH SOYBEAN CYST NEMATODE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS III-V							
ASGROW	AG4702 *	14.9	---	---	---	---	89	---	---	9/29	1.0	20
ASGROW	AG4902 *	12.7	11.0	---	11.9	---	76	99	---	10/4	1.0	20
ASGROW	AG5001 *	16.6	11.3	---	14.0	---	99	102	---	10/3	1.0	22
ASGROW	AG5501 *	20.6	13.1	---	16.9	---	123	118	---	10/10	1.0	23
DEKALB	DKB45-51 *	11.7	---	---	---	---	70	---	---	9/27	1.0	20
DELTAPINE	DP 4748S	21.6	---	---	---	---	129	---	---	10/3	1.0	27
GARST	D445/N	18.2	12.5	---	15.4	---	108	113	---	9/28	1.0	19
HOEGEMEYER	452NSTS	10.2	---	---	---	---	61	---	---	9/28	1.0	20
KSOY	KS4694	12.5	8.5	15.3	10.5	12.1	74	77	74	9/29	1.0	17
KSOY	KS4895	18.1	10.2	---	14.2	---	108	92	---	10/3	1.0	22
KSOY	KS4997	17.5	---	---	---	---	104	---	---	10/2	1.0	17
KSOY	MACON	11.2	---	---	---	---	67	---	---	9/28	1.0	18
KSOY	STRESSLAND	14.4	---	---	---	---	86	---	---	9/23	1.0	21
MFA MORSOY	4426SCN	14.9	11.6	---	13.3	---	89	105	---	9/29	1.0	19
MSIA	ANAND	19.9	12.1	26.6	16.0	19.5	118	109	128	10/10	1.0	18
MSIA	DELSOY 5500	19.0	11.5	22.5	15.3	17.7	113	104	108	10/10	1.0	19
NK	S57-A4 *	20.7	---	---	---	---	123	---	---	10/12	1.0	23
NK	S59-V6 *	20.8	---	---	---	---	124	---	---	10/16	1.0	21
PIONEER	9492 *	17.6	10.9	20.0	14.3	16.2	105	98	96	9/29	1.0	18
PIONEER	95B33	20.2	13.1	21.6	16.7	18.3	120	118	104	10/4	1.0	20
PIONEER	95B53 *	22.7	---	---	---	---	135	---	---	10/9	1.0	22
PUBLIC	HUTCHESON	18.8	9.5	18.5	14.2	15.6	112	86	89	10/17	1.0	18
PUBLIC	K1370	13.6	9.0	---	11.3	---	81	81	---	9/26	1.0	18
PUBLIC	K1401	17.8	12.3	---	15.1	---	106	111	---	9/28	1.0	19
PUBLIC	K1424	17.1	10.4	27.3	13.8	18.3	102	94	131	10/18	1.0	18
PUBLIC	K1425	22.4	14.9	25.5	18.7	20.9	133	134	122	10/10	1.0	23
PUBLIC	K1463	22.5	14.0	---	18.3	---	134	126	---	10/10	1.0	24
PUBLIC	K1479	8.5	---	---	---	---	51	---	---	9/24	1.0	21
PUBLIC	KS5292	17.7	13.4	18.9	15.6	16.7	105	121	91	10/3	1.0	21
PUBLIC	MANOKIN	21.7	14.8	29.1	18.3	21.9	129	133	140	10/3	1.0	21
STINE	4700-4 *	16.4	---	---	---	---	98	---	---	10/2	1.0	21
US SEEDS	US S371	14.5	10.7	---	12.6	---	86	96	---	9/24	1.0	21
US SEEDS	US S421	12.2	8.2	---	10.2	---	73	74	---	9/25	1.0	19
US SEEDS	US S471	16.4	10.8	---	13.6	---	98	97	---	10/3	1.0	24
TEST AVERAGES		16.8	11.1	20.8								
LSD(.10)		3.0	1.7	2.7								

TABLE 8. REPUBLIC COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001 .

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
GARST	D385	68.9	36.3	74.4	52.6	59.9	107	66	104	10/4	1.0	38
GARST	D398	65.4	62.5	75.8	64.0	67.9	102	114	106	10/5	1.0	33
HOEGEMEYER	329STS	68.8	---	---	---	---	107	---	---	9/30	1.0	36
HOEGEMEYER	390STS	71.3	---	---	---	---	111	---	---	10/5	1.3	36
KSOY	KS4694	50.7	39.4	60.2	45.1	50.1	79	72	84	10/8	1.3	34
KSOY	MACON	43.5	65.4	72.0	54.5	60.3	68	119	101	10/5	1.0	39
KSOY	STRESSLAND	57.6	51.8	69.0	54.7	59.5	90	94	97	10/3	1.0	32
MIDLAND	9B351	76.4	61.3	---	68.9	---	119	111	---	10/2	1.0	37
MIDLAND	9B370N	60.2	---	73.0	---	---	94	---	102	10/3	1.7	35
MIDLAND	9B391STS	72.3	---	---	---	---	112	---	---	10/5	1.0	33
MIDLAND	9G351STS	66.7	56.7	---	61.7	---	104	103	---	10/1	1.0	35
MIDLAND	XP 42	61.7	---	---	---	---	96	---	---	10/4	1.3	33
PIONEER	93B82	69.5	---	---	---	---	108	---	---	10/5	1.7	36
PUBLIC	IA2021	45.9	62.9	70.5	54.4	59.8	71	114	99	9/23	1.0	26
PUBLIC	IA3010	60.7	70.0	72.7	65.4	67.8	94	127	102	9/29	1.0	35
PUBLIC	K1370	54.5	55.5	---	55.0	---	85	101	---	10/4	1.0	33
PUBLIC	K1410	77.5	48.5	70.6	63.0	65.5	121	88	99	10/4	1.3	37
PUBLIC	K1459	66.1	47.4	---	56.8	---	103	86	---	10/5	1.0	31
PUBLIC	K1479	73.4	---	---	---	---	114	---	---	10/4	1.0	36
PUBLIC	K1493	67.2	---	---	---	---	105	---	---	10/3	1.0	35
PUBLIC	K1497	68.8	---	---	---	---	107	---	---	10/4	1.3	36
PUBLIC	WILLIAMS 82	59.5	48.4	67.9	54.0	58.6	93	88	95	10/5	1.3	39
STINE	3870-0	68.5	67.7	---	68.1	---	107	123	---	10/3	1.0	34
TEST AVERAGES		64.3	55.0	71.4								
LSD(.10)		3.4	6.0	3.8								

TABLE 9. REPUBLIC COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1998-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	1999	1998	2-Yr	3-Yr	2001	1999	1998		2001	
					MATURITY GROUPS II-IV							
ASGROW	AG3302 *	25.8	---	---	---	---	101	---	---	10/1	1.0	24
ASGROW	AG3503 *	29.3	---	---	---	---	115	---	---	9/30	1.0	25
ASGROW	AG3903 *	28.3	---	---	---	---	111	---	---	10/6	1.0	26
DEKALB	DKB31-51 *	20.4	---	---	---	---	80	---	---	9/30	1.0	23
DEKALB	DKB32-52 *	22.3	---	---	---	---	87	---	---	10/1	1.0	23
DEKALB	DKB38-51 *	32.2	---	---	---	---	126	---	---	10/5	1.0	24
HOEGEMEYER	329STS	19.7	---	---	---	---	77	---	---	9/30	1.0	24
HOEGEMEYER	390STS	19.7	---	---	---	---	77	---	---	10/5	1.0	25
KSOY	KS4694	30.4	43.8	40.1	37.1	38.1	119	99	108	10/7	1.0	24
KSOY	MACON	27.1	47.4	44.2	37.3	39.6	106	107	119	10/6	1.0	24
KSOY	STRESSLAND	31.5	48.5	31.2	40.0	37.1	124	109	84	10/6	1.0	26
MIDLAND	9B351	28.2	---	---	---	---	111	---	---	10/1	1.0	24
MIDLAND	9B370N	31.1	---	---	---	---	122	---	---	10/4	1.0	26
MIDLAND	9B391STS	25.8	---	---	---	---	101	---	---	10/5	1.0	22
PIONEER	93B41	17.1	46.9	38.2	32.0	34.1	67	106	102	9/30	1.0	23
PIONEER	93B72 *	25.4	---	---	---	---	100	---	---	10/4	1.0	24
PIONEER	93B82	31.2	42.5	---	36.9	---	122	96	---	10/6	1.0	23
PUBLIC	IA2021	24.1	40.6	33.5	32.4	32.7	95	91	90	9/22	1.0	24
PUBLIC	IA3010	19.3	50.3	40.8	34.8	36.8	76	113	109	9/29	1.0	23
PUBLIC	K1370	26.7	---	35.9	---	---	105	---	96	10/6	1.0	23
PUBLIC	K1410	23.7	49.7	---	36.7	---	93	112	---	10/6	1.0	24
PUBLIC	K1459	27.3	---	---	---	---	107	---	---	10/6	1.0	24
PUBLIC	WILLIAMS 82	27.1	40.5	30.5	33.8	32.7	106	91	82	10/6	1.0	25
US SEEDS	US E352	21.0	---	---	---	---	82	---	---	10/1	1.0	23
US SEEDS	US S371	25.6	---	---	---	---	100	---	---	10/4	1.0	26
US SEEDS	US S421	22.9	---	---	---	---	90	---	---	10/7	1.0	24
TEST AVERAGES		25.5	44.4	37.3								
LSD(.10)		2.9	4.5	4.6								

TABLE 10. HARVEY COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG3950STS	20.7	---	---	---	---	106	---	---	10/12	1.2	22
ADVANCED GENETICS	AG4188 STS	21.8	17.8	17.2	19.8	18.9	111	93	102	10/11	1.2	22
DELTAPINE	DP 4748S	21.6	15.8	---	18.7	---	110	83	---	10/18	1.4	28
HOEGEMEYER	390STS	18.9	---	---	---	---	96	---	---	10/16	1.1	23
HOEGEMEYER	402ASTS	18.1	---	---	---	---	92	---	---	10/15	1.4	21
KSOY	KS4694	21.5	15.8	12.8	18.7	16.7	110	83	76	10/16	1.0	20
KSOY	MACON	20.2	17.0	16.8	18.6	18.0	103	89	100	10/8	1.0	21
KSOY	STRESSLAND	17.2	16.5	16.7	16.9	16.8	88	86	99	10/8	1.5	23
MIDLAND	9A350	20.4	16.9	26.8	18.7	21.4	104	88	160	10/4	1.0	23
PIONEER	93B82	21.1	26.5	19.3	23.8	22.3	108	139	115	10/10	1.0	21
PUBLIC	IA2021	10.4	20.2	25.5	15.3	18.7	53	106	152	9/11	1.0	17
PUBLIC	IA3010	16.1	25.6	25.2	20.9	22.3	82	134	150	9/26	1.0	17
PUBLIC	K1370	19.9	15.1	---	17.5	---	102	79	---	10/7	1.9	25
PUBLIC	K1410	23.8	18.5	16.4	21.2	19.6	121	97	97	10/10	1.0	20
PUBLIC	K1459	23.8	22.5	---	23.2	---	121	118	---	10/14	1.2	23
PUBLIC	WILLIAMS 82	17.2	11.5	13.4	14.4	14.0	88	60	80	10/14	1.1	23
STINE	3870-0	20.6	---	---	---	---	105	---	---	10/10	1.0	19
TEST AVERAGES		19.6	19.1	16.8								
LSD(.10)		4.3	3.0	4.5								

TABLE 11. SUMNER COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG4188 STS	11.6	19.7	---	15.7	---	121	97	---	9/19	1.0	26
ASGROW	AG2703 *	5.0	---	---	---	---	52	---	---	9/3	1.0	24
ASGROW	AG3302 *	7.6	---	12.8	---	---	79	---	84	9/8	1.0	26
ASGROW	AG3503 *	9.5	---	---	---	---	99	---	---	9/12	1.0	26
ASGROW	AG3903 *	7.9	---	---	---	---	82	---	---	9/10	1.0	27
DEKALB	DKB28-51 *	6.5	---	---	---	---	68	---	---	9/4	1.0	22
DEKALB	DKB31-51 *	9.0	---	---	---	---	94	---	---	9/8	1.0	23
DEKALB	DKB35-51 *	9.7	---	---	---	---	101	---	---	9/10	1.0	24
DEKALB	DKB38-51 *	9.1	23.3	---	16.2	---	95	114	---	9/7	1.0	24
DELTAPINE	DP 4748S	15.3	---	---	---	---	159	---	---	9/29	1.0	31
DYNA-GRO	DG-3388RR *	10.2	---	---	---	---	106	---	---	9/11	1.0	27
DYNA-GRO	DG-3395	8.2	24.0	13.9	16.1	15.4	85	118	91	9/9	1.0	25
GARST	D445/N	9.1	20.5	---	14.8	---	95	100	---	9/11	1.0	26
KSOY	KS4694	10.5	16.3	15.8	13.4	14.2	109	80	104	9/18	1.0	25
KSOY	MACON	8.4	23.8	13.5	16.1	15.2	88	117	89	9/11	1.0	24
KSOY	STRESSLAND	9.5	21.2	14.3	15.4	15.0	99	104	94	9/12	1.0	27
MIDLAND	9A350	9.5	24.0	14.0	16.8	15.8	99	118	92	9/4	1.0	27
PIONEER	93B72 *	7.9	---	---	---	---	82	---	---	9/8	1.0	24
PIONEER	94B01 *	10.5	21.6	---	16.1	---	109	106	---	9/9	1.0	27
PIONEER	94B23 *	5.8	---	---	---	---	60	---	---	9/5	1.0	26
PUBLIC	FLYER	8.5	20.3	16.5	14.4	15.1	89	100	108	9/13	1.0	26
PUBLIC	IA2021	5.8	21.9	14.4	13.9	14.0	60	107	95	9/1	1.0	21
PUBLIC	IA3010	10.4	28.7	13.7	19.6	17.6	108	141	90	9/2	1.0	21
PUBLIC	K1370	7.2	20.5	---	13.9	---	75	100	---	9/7	1.0	25
PUBLIC	K1410	9.0	22.3	15.5	15.7	15.6	94	109	102	9/7	1.0	24
PUBLIC	K1459	14.2	20.5	---	17.4	---	148	100	---	9/17	1.0	29
PUBLIC	WILLIAMS 82	7.9	15.6	14.6	11.8	12.7	82	76	96	9/14	1.0	26
STINE	4702-2	12.4	---	---	---	---	129	---	---	9/27	1.0	29
WILLCROSS	RR2392N *	8.7	---	---	---	---	91	---	---	9/10	1.0	25
WILLCROSS	RR2399N *	8.0	21.6	---	14.8	---	83	106	---	9/7	1.0	29
WILLCROSS	RR2439N *	10.9	---	---	---	---	114	---	---	9/17	1.0	26
WILLCROSS	RR2451NSTS *	13.3	---	---	---	---	139	---	---	9/24	1.0	30
WILLCROSS	RR2469N *	12.3	19.2	---	15.8	---	128	94	---	9/19	1.0	29
WILLCROSS	RR2481N *	10.4	---	---	---	---	108	---	---	9/21	1.0	28
WILLCROSS	RR2482NSTS *	10.9	---	---	---	---	114	---	---	9/20	1.0	28
WILLCROSS	RR2490N *	11.7	13.7	---	12.7	---	122	67	---	9/25	1.0	30
WILLCROSS	RR2517N *	11.3	---	---	---	---	118	---	---	10/25	1.0	29
WILLCROSS	RR2542N *	12.4	---	---	---	---	129	---	---	10/25	1.0	26
WILLCROSS	RR2549N *	8.5	---	---	---	---	89	---	---	10/26	1.0	32
TEST AVERAGES		9.6	20.4	15.2								
LSD(.10)		1.9	2.2	3.5								

TABLE 12. ELLIS COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1998-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1998	2-Yr	3-Yr	2001	2000	1998		2001	
					MATURITY GROUPS II-IV							
ASGROW	AG3302 *	25.5	11.4	---	18.5	---	92	105	---	---	1.0	20
ASGROW	AG3902 *	31.9	---	---	---	---	115	---	---	---	1.0	20
ASGROW	AG3903 *	32.2	---	---	---	---	116	---	---	---	1.0	21
DEKALB	DKB32-52 *	33.8	---	---	---	---	122	---	---	---	1.0	21
DEKALB	DKB35-51 *	31.4	---	---	---	---	113	---	---	---	1.0	19
DEKALB	DKB38-51 *	28.8	10.8	---	19.8	---	104	99	---	---	1.0	18
KSOY	KS4694	32.8	11.6	26.6	22.2	23.7	118	106	110	---	1.0	21
KSOY	MACON	23.6	10.7	20.2	17.2	18.2	85	98	84	---	1.0	19
KSOY	STRESSLAND	32.4	10.7	22.8	21.5	22.0	117	98	94	---	1.0	21
MIDLAND	9A350	33.7	9.8	---	21.8	---	122	90	---	---	1.0	20
PIONEER	93B01*	15.9	---	---	---	---	57	---	---	---	1.0	16
PIONEER	93B53 *	21.6	---	---	---	---	78	---	---	---	1.0	16
PIONEER	93B85 *	34.7	---	---	---	---	125	---	---	---	1.0	19
PUBLIC	IA2021	13.7	8.6	25.6	11.1	16.0	49	79	106	---	1.0	18
PUBLIC	IA3010	14.4	11.5	28.1	13.0	18.0	52	106	116	---	1.0	16
PUBLIC	K1370	30.0	9.1	21.0	19.6	20.0	108	83	87	---	1.0	22
PUBLIC	K1410	35.2	13.7	---	24.5	---	127	126	---	---	1.0	20
PUBLIC	K1459	27.0	10.0	---	18.5	---	97	92	---	---	1.0	23
PUBLIC	WILLIAMS 82	26.3	10.6	14.6	18.5	17.2	95	97	60	---	1.0	23
TRIUMPH	TR3750RR *	29.0	---	---	---	---	105	---	---	---	1.0	19
TEST AVERAGES		27.7	10.9	24.1								
LSD(.10)		1.7	1.0	1.6								

TABLE 13. THOMAS COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
KSOY	KS4694	59.3	52.8	70.6	56.1	60.9	99	107	98	10/4	2.5	38
KSOY	MACON	59.9	45.4	69.2	52.7	58.2	100	92	96	9/24	1.3	34
KSOY	STRESSLAND	59.9	48.6	72.5	54.3	60.3	100	99	101	9/29	2.0	39
MIDLAND	9A350	71.7	52.6	72.2	62.2	65.5	120	107	100	9/24	1.8	36
PUBLIC	IA2021	50.7	41.0	54.7	45.9	48.8	85	83	76	9/10	1.0	29
PUBLIC	IA3010	52.9	44.5	74.2	48.7	57.2	89	90	103	9/23	1.0	28
PUBLIC	K1370	45.6	49.7	---	47.7	---	76	101	---	9/30	2.3	37
PUBLIC	K1410	62.7	47.3	75.9	55.0	62.0	105	96	106	9/29	2.0	36
PUBLIC	K1459	61.8	53.6	---	57.7	---	104	109	---	9/30	2.5	40
PUBLIC	WILLIAMS 82	54.3	47.8	59.4	51.1	53.8	91	97	83	9/29	2.3	39
US SEEDS	US E352	65.2	---	---	---	---	109	---	---	9/23	1.3	36
US SEEDS	US S371	70.1	49.2	---	59.7	---	117	100	---	9/25	1.0	39
US SEEDS	US S421	62.4	54.0	---	58.2	---	105	110	---	9/26	2.0	38
TEST AVERAGES		59.7	49.2	71.9								
LSD(.10)		5.7	5.8	6.5								

TABLE 14. FINNEY COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1998-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1998	2-Yr	3-Yr	2001	2000	1998		2001	
					MATURITY GROUPS II-IV							
KSOY	KS4694	50.5	48.8	37.8	49.7	45.7	106	91	93	10/8	1.0	34
KSOY	MACON	40.5	58.0	35.6	49.3	44.7	85	108	87	9/29	1.0	25
KSOY	STRESSLAND	43.4	53.8	43.4	48.6	46.9	91	100	107	10/4	1.0	27
MIDLAND	9A350	50.3	---	---	---	---	105	---	---	10/2	1.0	24
PUBLIC	IA2021	44.1	40.5	31.6	42.3	38.7	92	75	78	9/20	1.0	25
PUBLIC	IA3010	56.5	68.0	39.1	62.3	54.5	118	126	96	9/28	1.0	23
PUBLIC	K1370	42.1	65.6	41.4	53.9	49.7	88	122	102	10/3	1.0	29
PUBLIC	K1410	60.2	75.6	---	67.9	---	126	140	---	10/2	1.0	31
PUBLIC	K1459	47.2	71.9	---	59.6	---	99	133	---	10/5	1.0	28
PUBLIC	WILLIAMS 82	40.9	42.0	41.4	41.5	41.4	86	78	102	10/3	1.0	27
US SEEDS	US S471	49.3	---	---	---	---	103	---	---	10/8	1.0	35
TEST AVERAGES		47.7	53.9	40.7								
LSD(.10)		11.0	13.7	11.8								

TABLE 15. BROWN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG3232RR *	39.3	---	---	---	---	121	---	---	10/8	1.0	28
ADVANCED GENETICS	AG3741RR *	27.2	---	---	---	---	83	---	---	10/11	1.0	29
ADVANCED GENETICS	AG3797RR *	32.6	24.4	41.5	28.5	32.8	100	113	118	10/8	1.0	28
ADVANCED GENETICS	AG3827RR/STS *	14.5	---	---	---	---	44	---	---	10/7	1.0	25
ADVANCED GENETICS	AG3992RR *	39.4	---	---	---	---	121	---	---	10/10	1.0	29
ADVANCED GENETICS	AG4442RR *	34.3	18.9	---	26.6	---	105	88	---	10/13	1.0	33
AGRIPRO	3510RR *	37.3	---	---	---	---	114	---	---	10/6	1.0	30
ASGROW	AG3302 *	36.9	27.1	38.2	32.0	34.1	113	126	108	10/6	1.0	30
ASGROW	AG3503 *	32.6	---	---	---	---	100	---	---	10/8	1.0	30
ASGROW	AG3702 *	36.5	23.6	---	30.1	---	112	110	---	10/7	1.0	29
ASGROW	AG3903 *	43.4	---	---	---	---	133	---	---	10/10	1.0	30
CROPLAN GENETICS	RC3335 *	30.6	---	---	---	---	94	---	---	10/3	1.0	29
CROPLAN GENETICS	RC3866 *	34.1	---	---	---	---	105	---	---	10/10	1.0	27
CROPLAN GENETICS	RC3939 *	37.4	---	---	---	---	115	---	---	10/9	1.0	26
CROW'S	C3315R *	29.7	---	---	---	---	91	---	---	10/2	1.0	28
CROW'S	C3715R *	32.0	---	---	---	---	98	---	---	10/8	1.0	29
CROW'S	C3915R *	34.1	---	---	---	---	105	---	---	10/8	1.0	28
DEKALB	DKB35-51 *	40.2	24.3	---	32.3	---	123	113	---	10/7	1.0	27
DEKALB	DKB36-51 *	34.6	19.3	---	27.0	---	106	90	---	10/9	1.0	30
DEKALB	DKB38-52 *	33.8	---	---	---	---	104	---	---	10/9	1.0	29
DEKALB	DKB40-51 *	30.4	---	---	---	---	93	---	---	10/13	1.0	30
DYNA-GRO	DG-3370RR *	34.1	20.7	36.0	27.4	30.3	105	96	102	10/7	1.0	32
DYNA-GRO	DG-3373NRR *	33.4	18.9	---	26.2	---	102	88	---	10/8	1.0	29
DYNA-GRO	DG-3388RR *	32.1	23.2	36.5	27.7	30.6	98	108	103	10/7	1.0	29
DYNA-GRO	DG-3390NRR *	37.1	---	---	---	---	114	---	---	10/8	1.0	28
DYNA-GRO	DG-3399RR *	32.4	22.5	---	27.5	---	99	105	---	10/9	1.0	30
GARST	D355RR *	30.1	26.1	40.4	28.1	32.2	92	121	115	10/6	1.0	29
GARST	D370RR *	35.9	22.0	37.9	29.0	31.9	110	102	107	10/8	1.0	32
GARST	D381RR/STS *	25.7	---	---	---	---	79	---	---	10/8	1.0	26
LEWIS	3814RR *	35.6	---	---	---	---	109	---	---	10/9	1.0	32
LEWIS	3999RR *	31.2	---	38.2	---	---	96	---	108	10/7	1.0	27
LEWIS	4119RR *	38.3	---	---	---	---	117	---	---	10/11	1.0	29
MIDLAND	9A332NRR *	31.5	---	---	---	---	97	---	---	10/6	1.0	27
MIDLAND	9A362NRS *	26.1	---	---	---	---	80	---	---	10/9	1.0	27
MIDLAND	9A382NRR *	42.5	---	---	---	---	130	---	---	10/9	1.0	33
MIDLAND	9A392NRR *	28.7	---	---	---	---	88	---	---	10/10	1.0	27
MIDLAND	9A411NRR *	26.7	23.8	---	25.3	---	82	111	---	10/15	1.0	28
MIDLAND	9G380RR/STS *	27.8	25.4	---	26.6	---	85	118	---	10/7	1.0	28
MIDWEST SEED	GR3331 *	12.2	---	---	---	---	37	---	---	10/4	1.0	25
NC+	3A72RR *	34.7	---	---	---	---	106	---	---	10/6	1.0	30
NC+	3A83RRSTS *	19.2	---	---	---	---	59	---	---	10/7	1.0	27
NC+	4A29RR *	32.4	16.8	42.2	24.6	30.5	99	78	120	10/12	1.0	28
NK	S29-C9 *	26.2	---	---	---	---	80	---	---	9/29	1.0	30
NK	S30-P6 *	19.8	22.4	23.0	21.1	21.7	61	104	65	10/2	1.0	27
NK	S39-Q4 *	38.2	---	---	---	---	117	---	---	10/12	1.0	28
PIONEER	93B72 *	34.1	---	---	---	---	105	---	---	10/6	1.0	29
PIONEER	93B85 *	33.2	---	---	---	---	102	---	---	10/10	1.0	28
PRAIRIE BRAND	PB-3550RR *	34.3	---	---	---	---	105	---	---	10/6	1.0	29
PRAIRIE BRAND	PB-3621RR *	37.3	---	---	---	---	114	---	---	10/10	1.0	26
PRAIRIE BRAND	PB-3712NRR *	25.9	---	---	---	---	79	---	---	10/9	1.0	29
PRAIRIE BRAND	PB-3961NRR *	27.9	---	---	---	---	86	---	---	10/11	1.0	30
PUBLIC	K1539RR *	41.6	---	---	---	---	128	---	---	10/16	1.0	28
PUBLIC	K1540RR *	29.4	---	---	---	---	90	---	---	10/11	1.0	28
PUBLIC	K1542RR *	24.6	---	---	---	---	75	---	---	10/13	1.0	31
STINE	3232-4 *	23.7	---	---	---	---	73	---	---	10/3	1.0	25
STINE	3763-4 *	35.5	17.9	---	26.7	---	109	83	---	10/8	1.0	28
STINE	3800-4 *	32.9	24.2	---	28.6	---	101	113	---	10/9	1.0	27
TAYLOR	388RR *	34.5	21.6	---	28.1	---	106	100	---	10/9	1.0	27
TAYLOR	380RR *	35.6	---	---	---	---	109	---	---	10/6	1.0	27
TRIUMPH	TR3939RR *	36.1	26.8	34.8	31.5	32.6	111	125	99	10/9	1.0	34
US SEEDS	USE3802RR/STS*	25.9	---	---	---	---	79	---	---	10/9	1.0	26
US SEEDS	US E4002RR *	37.0	---	---	---	---	113	---	---	10/8	1.0	32
US SEEDS	US E4402RR *	46.3	---	---	---	---	142	---	---	10/15	1.0	32
US SEEDS	US S3701RR *	35.1	17.0	---	26.1	---	108	79	---	10/8	1.0	29
WILLCROSS	RR2331N *	31.7	---	---	---	---	97	---	---	10/5	1.0	29

(CONTINUED)

TABLE 15. BROWN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001. (CONTINUED)

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
WILLCROSS	RR2350 *	33.6	20.0	39.7	26.8	31.1	103	93	112	10/7	1.0	28
WILLCROSS	RR2351 *	32.5	23.8	---	28.2	---	100	111	---	10/5	1.0	29
WILLCROSS	RR2361N *	29.4	---	---	---	---	90	---	---	10/5	1.0	29
WILLCROSS	RR2362N *	39.7	---	---	---	---	122	---	---	10/10	1.0	26
WILLCROSS	RR236B2 *	40.2	---	---	---	---	123	---	---	10/7	1.0	26
WILLCROSS	RR2370 *	23.6	25.1	---	24.4	---	72	117	---	10/8	1.0	30
WILLCROSS	RR2371N *	35.1	22.8	---	29.0	---	108	106	---	10/9	1.0	30
TEST AVERAGES		32.6	21.5	35.3								
LSD(.10)		5.2	4.2	4.7								

TABLE 16. FRANKLIN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG3232RR *	26.8	---	---	---	---	97	---	---	9/28	1.0	26
ADVANCED GENETICS	AG3741RR *	28.6	---	---	---	---	104	---	---	9/29	1.0	25
ADVANCED GENETICS	AG3797RR *	24.8	16.7	41.5	20.8	27.7	90	127	105	10/6	1.0	28
ADVANCED GENETICS	AG3827RR/STS *	26.4	---	---	---	---	96	---	---	10/4	1.0	26
ADVANCED GENETICS	AG3992RR *	22.2	---	---	---	---	80	---	---	10/5	1.0	27
ADVANCED GENETICS	AG4442RR *	30.4	10.5	---	20.5	---	110	80	---	10/6	1.0	28
ADVANCED GENETICS	AG5012NRR *	34.8	---	---	---	---	126	---	---	10/4	1.0	32
ADVANCED GENETICS	AG5424NRR *	34.8	---	---	---	---	126	---	---	10/8	1.0	28
AGRIPRO/GARST	4512RR/N *	30.1	---	---	---	---	109	---	---	10/7	1.0	25
AGRIPRO/GARST	XR0139N40 *	23.5	---	---	---	---	85	---	---	9/30	1.0	25
ASGROW	AG3302 *	19.0	---	---	---	---	69	---	---	9/26	1.0	24
ASGROW	AG3702 *	26.9	16.2	---	21.5	---	97	124	---	9/28	1.0	24
ASGROW	AG4403 *	32.6	---	---	---	---	118	---	---	10/6	1.0	27
ASGROW	AG4702 *	28.8	---	---	---	---	104	---	---	10/4	1.0	27
CROPLAN GENETICS	RC3939 *	23.1	---	---	---	---	84	---	---	10/1	1.0	24
CROPLAN GENETICS	RC4444 *	31.5	---	---	---	---	114	---	---	10/6	1.0	26
DEKALB	DKB36-51 *	26.2	---	---	---	---	95	---	---	9/27	1.0	28
DEKALB	DKB38-52 *	22.5	---	---	---	---	82	---	---	9/30	1.0	25
DEKALB	DKB40-51 *	29.4	---	---	---	---	107	---	---	10/6	1.0	27
DEKALB	DKB45-51 *	24.6	---	---	---	---	89	---	---	10/6	1.0	28
DELTAPINE	DP 4344RR *	22.7	9.6	---	16.2	---	82	73	---	10/5	1.0	39
DELTAPINE	DP 4690RR *	31.6	11.3	---	21.5	---	114	86	---	10/6	1.0	30
DELTAPINE	DPLX4300RR *	30.0	---	---	---	---	109	---	---	10/4	1.0	30
DELTAPINE	DPLX4885RR *	30.4	---	---	---	---	110	---	---	10/6	1.0	31
DYNA-GRO	DG-3388RR *	27.9	17.0	38.4	22.5	27.8	101	130	98	10/6	1.0	29
DYNA-GRO	DG-3390NRR *	23.2	---	---	---	---	84	---	---	9/29	1.0	25
DYNA-GRO	DG-3399RR *	26.7	15.6	---	21.2	---	97	119	---	10/4	1.0	27
DYNA-GRO	DG-3401NRR *	25.0	14.4	40.5	19.7	26.6	91	110	103	9/28	1.0	28
DYNA-GRO	DG-3443NRR *	31.1	---	---	---	---	113	---	---	10/6	1.0	26
DYNA-GRO	DG-3468NRR *	31.8	14.0	44.5	22.9	30.1	115	107	113	10/8	1.0	25
GARST	D381RR/STS *	25.8	15.0	---	20.4	---	93	115	---	10/2	1.0	26
GARST	D437RR/N *	25.3	13.1	41.4	19.2	26.6	92	100	105	10/8	1.0	29
HOEGEMEYER	391NRR *	29.9	---	---	---	---	108	---	---	9/27	1.0	32
HOEGEMEYER	429RR *	25.6	---	---	---	---	93	---	---	10/5	1.0	29
M-PRIDE	MPV457NRR *	25.7	12.9	34.1	19.3	24.2	93	98	87	10/7	1.0	31
MFA MORSOY	RT 4020N *	22.6	---	---	---	---	82	---	---	9/29	1.0	29
MFA MORSOY	RT 4478SCN *	30.5	14.4	---	22.5	---	111	110	---	10/7	1.0	24
MFA MORSOY	RT 4499N *	27.0	---	---	---	---	98	---	---	10/7	1.0	32
MFA MORSOY	RTS 4331N *	27.1	---	---	---	---	98	---	---	10/6	1.0	23
MFA MORSOY	RT 4480N *	30.5	---	---	---	---	111	---	---	10/6	1.0	26
MIDLAND	8382RR *	28.2	16.1	---	22.2	---	102	123	---	10/6	1.0	28
MIDLAND	9A362NRS *	18.3	---	---	---	---	66	---	---	9/28	1.0	24
MIDLAND	9A382NRR *	30.2	---	---	---	---	109	---	---	9/27	1.0	28
MIDLAND	9A392NRR *	24.4	---	---	---	---	88	---	---	10/4	1.0	25
MIDLAND	9A411NRR *	31.9	12.7	---	22.3	---	116	97	---	10/3	1.0	25
MIDLAND	9A442NRR *	30.4	---	---	---	---	110	---	---	10/7	1.0	28

(CONTINUED)

TABLE 16. FRANKLIN COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001. (CONTINUED)

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
MIDLAND	9A462NRS *	29.5	---	---	---	---	107	---	---	10/4	1.0	29
MIDLAND	9G380RR/STS *	29.7	14.3	---	22.0	---	108	109	---	10/4	1.0	26
MIDWEST SEED	GR3506 *	18.7	---	---	---	---	68	---	---	9/24	1.0	32
MIDWEST SEED	GR3731 *	27.5	---	---	---	---	100	---	---	9/27	1.0	27
MIDWEST SEED	GR3931 *	23.4	---	---	---	---	85	---	---	9/27	1.0	23
MIDWEST SEED	GR4452 *	29.9	---	---	---	---	108	---	---	10/6	1.0	27
NC+	3A99RR *	25.7	14.9	---	20.3	---	93	114	---	9/30	1.0	24
NC+	4A29RR *	32.2	15.0	41.5	23.6	29.6	117	115	105	10/8	1.0	24
NK	S46-W8 *	28.8	---	38.9	---	---	104	---	99	10/4	1.0	29
PIONEER	93B72 *	24.8	---	---	---	---	90	---	---	9/26	1.0	26
PIONEER	93B85 *	23.5	---	---	---	---	85	---	---	9/28	1.0	26
PUBLIC	K1537RR *	30.1	---	---	---	---	109	---	---	10/6	1.0	24
PUBLIC	K1538RR *	28.1	---	---	---	---	102	---	---	10/5	1.0	25
PUBLIC	K1539RR *	30.7	---	---	---	---	111	---	---	10/10	1.0	24
PUBLIC	K1540RR *	29.2	---	---	---	---	106	---	---	10/5	1.0	23
PUBLIC	K1541RR *	33.3	---	---	---	---	121	---	---	10/3	1.0	24
PUBLIC	K1542RR *	25.3	---	---	---	---	92	---	---	10/6	1.0	27
STINE	3632-4 *	28.5	---	---	---	---	103	---	---	10/2	1.0	23
STINE	3800-4 *	29.0	16.7	---	22.9	---	105	127	---	10/5	1.0	23
STINE	4202-4 *	25.2	---	---	---	---	91	---	---	10/7	1.0	24
STINE	4482-4 *	28.6	---	---	---	---	104	---	---	10/6	1.0	22
TAYLOR	388RR *	26.1	---	---	---	---	95	---	---	10/7	1.0	22
TAYLOR	380RR *	21.2	---	---	---	---	77	---	---	9/27	1.0	25
TAYLOR	427RRS *	29.4	---	---	---	---	107	---	---	10/7	1.0	27
TAYLOR	440RR *	30.1	---	---	---	---	109	---	---	10/6	1.0	28
TAYLOR	430RR *	30.9	---	---	---	---	112	---	---	10/7	1.0	28
TRIUMPH	TR3939RR *	22.7	13.8	39.8	18.3	25.4	82	105	101	9/30	1.0	31
TRIUMPH	TR4462RR *	32.0	---	---	---	---	116	---	---	10/6	1.0	27
US SEEDS	USE3802RR/STS*	18.6	---	---	---	---	67	---	---	9/28	1.0	23
US SEEDS	US E4002RR *	30.4	---	---	---	---	110	---	---	9/27	1.0	29
US SEEDS	US E4402RR *	33.3	---	---	---	---	121	---	---	10/6	1.0	27
US SEEDS	US S3701RR *	24.9	---	---	---	---	90	---	---	9/27	1.0	26
WILLCROSS	RR2371N *	26.2	---	---	---	---	95	---	---	9/27	1.0	28
WILLCROSS	RR2392N *	23.3	---	---	---	---	84	---	---	9/27	1.0	23
WILLCROSS	RR2422N *	31.2	---	---	---	---	113	---	---	10/6	1.0	25
WILLCROSS	RR2442N *	32.8	---	---	---	---	119	---	---	10/6	1.0	27
WILLCROSS	RR2469N *	27.7	14.9	38.6	21.3	27.1	100	114	98	10/6	1.0	31
WILLCROSS	RR2481N *	30.0	---	---	---	---	109	---	---	10/7	1.0	31
WILLCROSS	RR2490N *	30.5	---	---	---	111	---	---	10/6	1.0	32	
TEST AVERAGES		27.6	13.1	39.4								
LSD(.10)		4.1	1.5	3.9								

TABLE 17. SHAWNEE COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999		2001	
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG3232RR *	66.4	---	---	---	---	100	---	---	9/29	2.0	41
ADVANCED GENETICS	AG3741RR *	63.5	---	---	---	---	95	---	---	10/2	2.2	42
ADVANCED GENETICS	AG3797RR *	66.7	34.2	66.2	50.5	55.7	100	86	103	10/2	1.8	43
ADVANCED GENETICS	AG3827RR/STS *	69.6	---	---	---	---	105	---	---	10/2	2.0	41
ADVANCED GENETICS	AG3992RR *	70.0	39.9	---	55.0	---	105	101	---	10/4	2.5	41
AGRIPRO	3881RR/STS *	66.0	---	---	---	---	99	---	---	10/2	1.8	42
AGRIPRO/GARST	XR0139N40 *	55.5	---	---	---	---	83	---	---	10/1	2.8	39
ASGROW	AG3201 *	69.5	---	---	---	---	104	---	---	9/24	2.3	40
ASGROW	AG3302 *	63.5	41.3	65.1	52.4	56.6	95	104	101	9/23	2.2	42
ASGROW	AG3903 *	68.6	---	---	---	---	103	---	---	10/2	2.0	41
ASGROW	AG4403 *	69.0	---	---	---	---	104	---	---	10/10	1.5	46
CROPLAN GENETICS	RC3939 *	73.9	---	---	---	---	111	---	---	10/3	1.5	42
DEKALB	DKB36-51 *	66.0	44.6	---	55.3	---	99	112	---	10/5	1.8	42
DEKALB	DKB38-52 *	54.5	---	---	---	---	82	---	---	10/3	2.0	41
DEKALB	DKB40-51 *	65.3	---	---	---	---	98	---	---	10/7	2.0	45
DEKALB	DKB45-51 *	67.1	---	---	---	---	101	---	---	10/10	1.7	41
DYNA-GRO	DG-3370RR *	63.8	43.9	55.7	53.9	54.5	96	111	87	9/29	1.8	42
DYNA-GRO	DG-3373NRR *	68.0	30.5	---	49.3	---	102	77	---	9/29	2.0	39
DYNA-GRO	DG-3388RR *	62.1	36.2	57.0	49.2	51.8	93	91	89	10/4	2.0	48
DYNA-GRO	DG-3390NRR *	66.0	---	---	---	---	99	---	---	10/4	1.8	42
DYNA-GRO	DG-3399RR *	66.3	41.7	---	54.0	---	100	105	---	10/7	2.5	42
DYNA-GRO	DG-3401NRR *	62.8	41.4	61.9	52.1	55.4	94	104	96	10/1	2.5	43
GARST	D355RR *	73.6	36.6	71.2	55.1	60.5	111	92	111	9/23	1.8	43
GARST	D381RR/STS *	68.3	45.1	---	56.7	---	103	114	---	10/5	1.7	41
HOEGEMEYER	340RR *	81.0	---	---	---	---	122	---	---	9/29	1.8	35
HOEGEMEYER	391NRR *	68.4	---	---	---	---	103	---	---	10/3	2.0	41
HOEGEMEYER	413NRR *	61.3	---	---	---	---	92	---	---	10/7	1.7	41
M-PRIDE	MPV381NRR *	63.4	---	---	---	---	95	---	---	9/28	2.2	36
M-PRIDE	MPV437NRR *	66.7	43.3	---	55.0	---	100	109	---	10/8	1.2	39
M-PRIDE	MPV457NRR *	58.9	48.7	---	53.8	---	88	123	---	10/13	2.0	46
MIDLAND	9A332NRR *	60.8	---	---	---	---	91	---	---	10/2	1.5	42
MIDLAND	9A351NRR *	69.3	42.4	---	55.9	---	104	107	---	10/1	1.5	44
MIDLAND	9A362NRS *	74.1	---	---	---	---	111	---	---	10/3	1.3	36
MIDLAND	9A382NRR *	63.4	---	---	---	---	95	---	---	10/1	2.5	45
MIDLAND	9A392NRR *	71.4	---	---	---	---	107	---	---	10/6	1.8	38
MIDLAND	9G380RR/STS *	67.6	45.8	---	56.7	---	102	115	---	10/3	2.0	43
MIDWEST SEED	GR3331 *	70.9	---	---	---	---	106	---	---	9/21	1.2	35
MIDWEST SEED	GR3731 *	59.2	---	---	---	---	89	---	---	9/27	2.3	37
MIDWEST SEED	GR3931 *	69.5	---	---	---	---	104	---	---	10/6	2.0	42
NC+	3A83RRSTS *	67.1	---	---	---	---	101	---	---	10/2	1.8	41
NC+	3A99RR *	59.4	37.9	70.8	48.7	56.0	89	95	110	10/5	1.8	42
NC+	4A29RR *	69.7	33.6	65.4	51.7	56.2	105	85	102	10/10	1.8	41
NK	S39-Q4 *	69.3	---	---	---	---	104	---	---	10/10	1.7	40
PIONEER	93B72 *	70.7	---	---	---	---	106	---	---	10/2	2.5	39
PIONEER	93B85 *	66.0	---	---	---	---	99	---	---	10/1	1.7	40
PUBLIC	K1537RR *	66.8	---	---	---	---	100	---	---	10/9	2.7	41
PUBLIC	K1538RR *	62.1	---	---	---	---	93	---	---	10/4	2.5	41
PUBLIC	K1539RR *	70.9	---	---	---	---	106	---	---	10/14	2.0	42
PUBLIC	K1540RR *	60.6	---	---	---	---	91	---	---	10/10	2.7	39
PUBLIC	K1541RR *	69.3	---	---	---	---	104	---	---	10/4	1.8	40
PUBLIC	K1542RR *	57.5	---	---	---	---	86	---	---	10/5	2.5	39
STINE	3232-4 *	62.5	---	---	---	---	94	---	---	9/22	1.5	37
STINE	3763-4 *	70.9	---	---	---	---	106	---	---	10/1	1.5	41
STINE	3808-4 *	72.7	---	---	---	---	109	---	---	10/3	1.8	40
STINE	4001-4 *	64.0	44.8	69.6	54.4	59.5	96	113	108	10/5	2.5	39
STINE	4700-4 *	66.0	---	---	---	---	99	---	---	10/12	1.5	46
TAYLOR	388RR *	71.7	45.2	---	58.5	---	108	114	---	10/4	1.7	42
TAYLOR	357RR *	69.6	---	---	---	---	105	---	---	9/30	1.8	36
TAYLOR	EXP360RR *	72.9	---	---	---	---	109	---	---	10/5	2.0	41
TRIUMPH	TR3939RR *	68.7	47.6	---	58.2	---	103	120	---	10/4	1.5	43
WILLCROSS	RR2351 *	65.2	---	---	---	---	98	---	---	9/23	1.8	42
WILLCROSS	RR2361N *	64.2	---	---	---	---	96	---	---	10/2	1.5	44
WILLCROSS	RR2371N *	66.3	---	---	---	---	100	---	---	10/2	2.5	39
WILLCROSS	RR2392N *	66.2	---	---	---	---	99	---	---	10/4	1.8	41
WILLCROSS	RR2442N *	65.7	---	---	---	---	99	---	---	10/11	2.2	51
TEST AVERAGES		66.6	39.7	64.3								
LSD(.10)		7.5	6.1	10.1								

TABLE 18. CHEROKEE COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG4442RR *	23.5	11.4	---	17.5	---	98	83	---	9/29	1.0	24
AGRIPRO/GARST	4512RR/N *	25.4	---	---	---	---	105	---	---	9/26	1.0	25
ASGROW	AG4403 *	27.3	---	---	---	---	113	---	---	9/29	1.0	25
DEKALB	DKB45-51 *	22.6	---	---	---	---	94	---	---	9/29	1.0	25
DELTAPINE	DP 4344RR *	26.3	15.1	28.0	20.7	23.1	109	110	110	10/1	1.0	32
DELTAPINE	DP 4690RR *	25.8	14.0	28.0	19.9	22.6	107	102	110	10/2	1.0	30
DELTAPINE	DPLX4300RR *	21.7	---	---	---	---	90	---	---	9/27	1.0	26
DYNA-GRO	DG-3390NRR *	18.5	---	---	---	---	77	---	---	9/22	1.0	22
DYNA-GRO	DG-3399RR *	18.9	11.5	---	15.2	---	78	84	---	9/24	1.0	24
DYNA-GRO	DG-3401NRR *	21.0	12.2	25.5	16.6	19.6	87	89	100	9/22	1.0	26
DYNA-GRO	DG-3443NRR *	25.8	---	---	---	---	107	---	---	9/29	1.0	24
DYNA-GRO	DG-3468NRR *	26.9	15.4	24.5	21.2	22.3	112	112	96	10/1	1.0	24
GARST	D437RR/N *	22.7	16.8	27.5	19.8	22.3	94	123	108	9/26	1.0	26
M-PRIDE	MPV457NRR *	27.3	13.9	27.7	20.6	23.0	113	101	109	10/1	1.0	26
MFA MORSOY	RT 4499N *	24.8	---	---	---	---	103	---	---	9/29	1.0	25
MFA MORSOY	RT 4480N *	31.9	---	---	---	---	132	---	---	9/29	1.0	26
MIDLAND	9A411NRR *	24.8	---	---	---	---	103	---	---	9/27	1.0	23
MIDLAND	9A442NRR *	27.6	---	---	---	---	115	---	---	9/28	1.0	26
MIDLAND	9A462NRS *	26.7	---	---	---	---	111	---	---	9/29	1.0	25
MIDWEST SEED	GR4452 *	25.8	---	---	---	---	107	---	---	9/29	1.0	26
NC+	4N51RR *	24.8	---	---	---	---	103	---	---	9/29	1.0	24
NK	S46-W8 *	24.1	---	28.9	---	---	100	---	113	9/30	1.0	27
TAYLOR	440RR *	23.8	---	---	---	---	99	---	---	9/28	1.0	25
US SEEDS	USE3802RR/STS*	15.0	---	---	---	---	62	---	---	9/22	1.0	22
US SEEDS	US E4402RR *	25.5	---	---	---	---	106	---	---	9/29	1.0	25
US SEEDS	US S3701RR *	25.5	---	---	---	---	106	---	---	9/24	1.0	23
WILLCROSS	RR2371N *	22.5	---	---	---	---	93	---	---	9/23	1.0	25
WILLCROSS	RR2392N *	21.2	---	---	---	---	88	---	---	9/22	1.0	21
WILLCROSS	RR2399N *	18.9	---	---	---	---	78	---	---	9/24	1.0	27
WILLCROSS	RR2422N *	25.8	---	---	---	---	107	---	---	9/29	1.0	24
WILLCROSS	RR2439N *	21.7	---	---	---	---	90	---	---	9/27	1.0	25
WILLCROSS	RR243B9N *	26.3	---	---	---	---	109	---	---	9/29	1.0	26
WILLCROSS	RR2442N *	25.1	---	---	---	---	104	---	---	9/29	1.0	25
WILLCROSS	RR2451NSTS *	22.4	---	---	---	---	93	---	---	9/30	1.0	29
WILLCROSS	RR2469N *	28.5	15.3	28.7	21.9	24.2	118	112	113	9/30	1.0	28
TEST AVERAGES		24.1	13.7	25.5								
LSD(.10)		3.4	3.1	3.5								
					MATURITY GROUPS IVS-V							
ADVANCED GENETICS	AG5012NRR *	36.2	---	---	---	---	101	---	---	10/8	1.0	28
ADVANCED GENETICS	AG5424NRR *	34.7	---	---	---	---	96	---	---	10/14	1.0	24
AGRIPRO/GARST	5512RR/N *	38.0	---	---	---	---	106	---	---	10/12	1.0	23
ASGROW	AG4702 *	35.5	---	---	---	---	99	---	---	10/3	1.0	28
ASGROW	AG5001 *	35.5	16.6	---	26.1	---	99	97	---	10/11	1.0	29
ASGROW	AG5501 *	36.5	17.9	---	27.2	---	101	104	---	10/13	1.0	25
CROPLAN GENETICS	RC4848 *	35.1	---	---	---	---	98	---	---	10/8	1.0	27
CROPLAN GENETICS	RC5252 *	35.8	---	---	---	---	99	---	---	10/10	1.0	24
DELTAPINE	DPLX4885RR *	33.9	---	---	---	---	94	---	---	10/7	1.0	30
DYNA-GRO	DG-3484NRR *	34.3	14.5	---	24.4	---	95	84	---	10/9	1.0	29
DYNA-GRO	DG-3521NRR *	36.4	---	---	---	---	101	---	---	10/9	1.0	26
GARST	D484RR/N *	34.0	---	26.6	---	---	94	---	88	10/7	1.0	27
M-PRIDE	MPV472NRR *	36.9	---	---	---	---	102	---	---	10/10	1.0	26
M-PRIDE	MPV492NRR *	35.9	---	---	---	---	100	---	---	10/9	1.0	31
M-PRIDE	MPV532NRR *	37.8	---	---	---	---	105	---	---	10/12	1.0	26
M-PRIDE	MPV552NRR *	33.7	---	---	---	---	94	---	---	10/13	1.0	27
MFA MORSOY	RT 4809 *	35.1	---	---	---	---	98	---	---	10/10	1.0	28
MFA MORSOY	RT 5110N *	40.7	---	---	---	---	113	---	---	10/9	1.0	25
MFA MORSOY	RT 5440N *	36.2	---	---	---	---	101	---	---	10/8	1.0	25
MIDLAND	9A532NRR *	39.1	---	---	---	---	109	---	---	10/15	1.0	25
MIDLAND	9A541NRR *	36.6	20.0	---	28.3	---	102	116	---	10/7	1.0	29
MIDLAND	9B480RR *	38.3	17.8	30.4	28.1	28.8	106	103	100	10/7	1.0	27
MIDLAND	9G480NRR *	34.3	19.2	---	26.8	---	95	112	---	10/6	1.0	33
MIDWEST SEED	GR4744 *	31.2	---	---	---	---	87	---	---	10/1	1.0	27
MIDWEST SEED	GR4838 *	35.8	---	---	---	---	99	---	---	10/6	1.0	30

(CONTINUED)

TABLE 18. CHEROKEE COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001. (CONTINUED)

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
MIDWEST SEED	GR5138 *	40.3	---	---	---	---	112	---	---	10/11	1.0	28
MIDWEST SEED	GR5434 *	32.5	---	---	---	---	90	---	---	10/10	1.0	29
NC+	4N79RR *	35.7	16.9	27.7	26.3	26.8	99	98	92	10/9	1.0	31
NC+	5A45RR *	34.9	18.4	---	26.7	---	97	107	---	10/9	1.0	32
NK	S52-U3 *	42.6	---	---	---	---	118	---	---	10/9	1.0	25
NK	S57-A4 *	36.0	16.1	---	26.1	---	100	94	---	10/14	1.0	34
NK	S58-R3 *	40.8	---	---	---	---	113	---	---	10/16	1.0	29
PIONEER	94B73 *	33.2	---	---	---	---	92	---	---	10/4	1.0	29
PIONEER	95B32 *	37.8	16.1	---	27.0	---	105	94	---	10/10	1.0	24
PIONEER	95B53 *	41.2	17.4	---	29.3	---	114	101	---	10/8	1.0	22
PUBLIC	K1543RR *	35.6	---	---	---	---	99	---	---	10/11	1.0	25
PUBLIC	K1544RR *	39.2	---	---	---	---	109	---	---	10/11	1.0	24
PUBLIC	K1545RR *	31.1	---	---	---	---	86	---	---	10/11	1.0	21
PUBLIC	K1546RR *	30.5	---	---	---	---	85	---	---	10/12	1.0	27
TRIUMPH	TR4810RR *	36.7	16.3	---	26.5	---	102	95	---	10/8	1.0	31
TRIUMPH	TR5409RR *	30.9	19.3	32.2	25.1	27.5	86	112	107	10/14	1.0	24
TRIUMPH	TR5511RR *	36.9	---	---	---	---	102	---	---	10/10	1.0	26
US SEEDS	US E5402RR *	37.5	---	---	---	---	104	---	---	10/10	1.0	26
US SEEDS	US S4809RR *	37.5	16.5	27.7	27.0	27.2	104	96	92	10/8	1.0	29
WILLCROSS	RR2481N *	36.0	---	---	---	---	100	---	---	10/6	1.0	27
WILLCROSS	RR2482NSTS *	36.7	---	---	---	---	102	---	---	10/5	1.0	31
WILLCROSS	RR2490N *	35.7	16.7	30.3	26.2	27.6	99	97	100	10/9	1.0	27
WILLCROSS	RR2517N *	36.2	16.2	30.9	26.2	27.8	101	94	102	10/11	1.0	32
WILLCROSS	RR2542N *	38.8	---	---	---	---	108	---	---	10/12	1.0	25
WILLCROSS	RR2549N *	33.8	19.1	---	26.5	---	94	111	---	10/11	1.0	29
TEST AVERAGES		36.0	17.2	30.2								
LSD(.10)		3.5	2.2	4.4								

TABLE 19. REPUBLIC COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG2942RR *	59.8	---	---	---	---	96	---	---	9/27	1.0	30
ADVANCED GENETICS	AG3232RR *	61.0	---	---	---	---	98	---	---	9/30	1.0	32
ADVANCED GENETICS	AG3741RR *	60.7	---	---	---	---	98	---	---	10/4	1.0	35
ADVANCED GENETICS	AG3797RR *	63.1	71.2	71.3	67.2	68.5	102	107	100	10/7	1.0	32
ADVANCED GENETICS	AG3827RR/STS *	61.1	---	---	---	---	99	---	---	10/7	1.0	31
ADVANCED GENETICS	AG3992RR *	61.8	71.7	---	66.8	---	100	108	---	10/7	1.0	35
ADVANCED GENETICS	AGX3111RR *	60.8	---	---	---	---	98	---	---	9/30	1.0	33
ADVANCED GENETICS	AGX3610 *	60.2	---	---	---	---	97	---	---	10/4	1.0	32
ADVANCED GENETICS	AGX3832RR *	61.7	---	---	---	---	100	---	---	10/7	1.0	35
AGRIPRO	3510RR *	63.3	69.2	---	66.3	---	102	104	---	10/1	1.0	34
AGRIPRO/GARST	3083RR *	60.0	74.4	---	67.2	---	97	112	---	10/7	1.0	30
AGRIPRO/GARST	XR0139N39 *	62.8	---	---	---	---	101	---	---	10/9	1.0	33
ASGROW	AG2703 *	60.9	---	---	---	---	98	---	---	9/26	1.0	27
ASGROW	AG3302 *	61.7	74.6	76.5	68.2	70.9	100	113	107	9/30	1.0	33
ASGROW	AG3503 *	61.1	---	---	---	---	99	---	---	10/1	1.0	35
CROPLAN GENETICS	RC3335 *	57.4	---	---	---	---	93	---	---	10/2	1.0	35
CROPLAN GENETICS	RC3866 *	59.4	---	---	---	---	96	---	---	10/7	1.0	31
CROPLAN GENETICS	RC3939 *	60.7	---	---	---	---	98	---	---	10/7	1.0	32
DEKALB	DKB31-51 *	64.0	74.6	---	69.3	---	103	113	---	10/1	1.0	33
DEKALB	DKB35-51 *	68.9	---	---	---	---	111	---	---	9/30	1.0	31
DEKALB	DKB38-51 *	68.2	72.7	---	70.5	---	110	110	---	10/6	1.0	29
DYNA-GRO	DG-3362NRR *	63.6	---	---	---	---	103	---	---	10/3	1.0	32
DYNA-GRO	DG-3370RR *	61.3	63.5	75.7	62.4	66.8	99	96	106	10/6	1.0	37
DYNA-GRO	DG-3373NRR *	59.1	62.9	---	61.0	---	95	95	---	10/5	1.0	31
DYNA-GRO	DG-3388RR *	62.3	63.8	73.4	63.1	66.5	100	96	103	10/5	1.0	36
DYNA-GRO	DG-3390NRR *	63.6	---	---	---	---	103	---	---	10/8	1.0	37
DYNA-GRO	DG-3399RR *	61.4	---	---	---	---	99	---	---	10/5	1.0	34
GARST	D355RR *	61.0	67.1	71.9	64.1	66.7	98	101	100	9/30	1.0	33

(CONTINUED)

TABLE 19. REPUBLIC COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001. (CONTINUED)

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
GARST	D381RR/STS *	63.1	70.5	---	66.8	---	102	106	---	10/7	1.0	31
HOEGEMEYER	340RR *	62.2	---	---	---	---	100	---	---	10/3	1.0	31
HOEGEMEYER	351RR *	60.5	---	---	---	---	98	---	---	10/1	1.0	31
HOEGEMEYER	391NRR *	61.3	---	---	---	---	99	---	---	10/8	1.0	35
MIDLAND	9A292NRR *	60.1	---	---	---	---	97	---	---	9/27	1.0	29
MIDLAND	9A312RR *	63.8	---	---	---	---	103	---	---	9/30	1.0	33
MIDLAND	9A351NRR *	67.1	---	---	---	---	108	---	---	9/30	1.0	35
MIDLAND	9A362NRS *	64.5	---	---	---	---	104	---	---	10/3	1.0	32
MIDLAND	9B340RR *	66.2	---	---	---	---	107	---	---	10/2	1.0	27
MIDLAND	9B371RR *	62.6	69.5	---	66.1	---	101	105	---	10/5	1.0	38
MIDLAND	9G380RR/STS *	61.7	69.0	---	65.4	---	100	104	---	10/8	1.0	33
MIDLAND	XP 40RR *	66.2	---	---	---	---	107	---	---	10/9	1.0	39
NC+	3A72RR *	61.3	---	---	---	---	99	---	---	10/4	1.0	33
NC+	3A83RRSTS *	60.4	---	---	---	---	97	---	---	10/6	1.0	32
NK	S29-C9 *	61.6	56.2	---	58.9	---	99	85	---	9/26	1.0	31
NK	S30-P6 *	65.6	63.5	70.1	64.6	66.4	106	96	98	9/29	1.0	30
NK	S39-Q4 *	67.8	---	---	---	---	109	---	---	10/8	1.0	34
PIONEER	93B72 *	66.3	---	---	---	---	107	---	---	10/5	1.0	32
PIONEER	93B85 *	63.1	---	---	---	---	102	---	---	10/7	1.0	33
PUBLIC	K1537RR *	58.9	---	---	---	---	95	---	---	10/6	1.0	34
PUBLIC	K1538RR *	58.5	---	---	---	---	94	---	---	10/7	1.0	35
PUBLIC	K1539RR *	57.9	---	---	---	---	93	---	---	10/7	1.0	34
PUBLIC	K1540RR *	61.3	---	---	---	---	99	---	---	10/6	1.0	32
PUBLIC	K1541RR *	60.1	---	---	---	---	97	---	---	10/6	1.0	33
PUBLIC	K1542RR *	59.5	---	---	---	---	96	---	---	10/6	1.0	36
STINE	3800-4 *	64.4	70.6	---	67.5	---	104	106	---	10/8	1.0	29
STINE	4001-4 *	60.7	68.3	---	64.5	---	98	103	---	10/9	1.0	32
STINE	4700-4 *	58.5	---	---	---	---	94	---	---	10/9	1.0	36
TAYLOR	311RR *	68.8	---	---	---	---	111	---	---	9/30	1.0	32
TAYLOR	EXP33T-01RR *	59.3	---	---	---	---	96	---	---	10/2	1.0	28
TAYLOR	357RR *	68.5	---	---	---	---	110	---	---	10/1	1.0	33
TAYLOR	EXP360RR *	63.2	---	---	---	---	102	---	---	10/4	1.0	32
TRIUMPH	TR3939RR *	60.0	62.5	---	61.3	---	97	94	---	10/8	1.0	35
WILLCROSS	RR2331N *	64.0	---	---	---	---	103	---	---	10/2	1.0	36
WILLCROSS	RR2350 *	60.3	---	---	---	---	97	---	---	10/1	1.0	37
WILLCROSS	RR2351 *	61.0	---	---	---	---	98	---	---	9/27	1.0	35
WILLCROSS	RR2361N *	61.8	---	---	---	---	100	---	---	9/29	1.0	36
WILLCROSS	RR2362N *	66.8	---	---	---	---	108	---	---	10/3	1.0	29
WILLCROSS	RR236B2 *	59.7	---	---	---	---	96	---	---	10/4	1.0	29
WILLCROSS	RR2370 *	60.8	75.7	---	68.3	---	98	114	---	10/5	1.0	37
WILLCROSS	RR2371N *	60.4	---	---	---	---	97	---	---	10/1	1.0	33
WILLCROSS	RR2392N *	61.2	---	---	---	---	99	---	---	10/7	1.0	31
TEST AVERAGES		62.0	66.3	71.6								
LSD(.10)		2.2	3.3	3.1								

TABLE 20. HARVEY COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001 .

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG2942RR *	8.6	---	---	---	---	44	---	---	9/23	1.0	18
ADVANCED GENETICS	AG3232RR *	18.9	---	---	---	---	96	---	---	10/4	1.1	22
ADVANCED GENETICS	AG3741RR *	19.9	---	---	---	---	101	---	---	10/9	1.0	19
ADVANCED GENETICS	AG3797RR *	15.5	22.5	18.5	19.0	18.8	79	120	91	10/6	1.0	22
ADVANCED GENETICS	AG3827RR/STS *	17.9	---	---	---	---	91	---	---	10/12	1.0	20
ADVANCED GENETICS	AG3957RR *	21.9	20.3	23.4	21.1	21.9	111	108	115	10/15	1.0	19
ADVANCED GENETICS	AG3992RR *	15.4	---	---	---	---	78	---	---	10/14	1.0	22
ADVANCED GENETICS	AG4442RR *	22.1	14.5	---	18.3	---	112	77	---	10/13	1.0	24
ADVANCED GENETICS	AGX3111RR *	13.3	---	---	---	---	68	---	---	9/23	1.0	20
ASGROW	AG3302 *	13.3	22.1	---	17.7	---	68	118	---	9/27	1.0	21
ASGROW	AG3902 *	16.5	---	---	---	---	84	---	---	10/7	1.0	23
ASGROW	AG3903 *	15.2	---	---	---	---	77	---	---	10/11	1.0	24
CROPLAN GENETICS	RC4444 *	22.3	---	---	---	---	113	---	---	10/16	1.0	21
CROPLAN GENETICS	RC4848 *	21.8	---	---	---	---	111	---	---	10/19	1.0	22
DEKALB	DKB35-51 *	16.3	---	---	---	---	83	---	---	10/4	1.0	19
DEKALB	DKB38-51 *	16.3	19.2	---	17.8	---	83	102	---	10/17	1.0	19
DEKALB	DKB40-51 *	22.8	---	---	---	---	116	---	---	10/15	1.0	22
DELTAPINE	DP 4344RR *	20.7	13.2	19.3	17.0	17.7	105	70	95	10/14	1.3	31
DELTAPINE	DP 4690RR *	23.8	13.6	---	18.7	---	121	72	---	10/17	1.1	24
DELTAPINE	DPLX4300RR *	21.0	---	---	---	---	107	---	---	10/15	1.1	26
DELTAPINE	DPLX4885RR *	23.0	---	---	---	---	117	---	---	10/14	1.0	26
DYNA-GRO	DG-3373NRR *	22.3	23.2	---	22.8	---	113	123	---	10/5	1.0	24
DYNA-GRO	DG-3388RR *	19.8	21.0	18.9	20.4	19.9	101	112	92	10/15	1.0	24
DYNA-GRO	DG-3390NRR *	16.8	---	---	---	---	85	---	---	10/3	1.0	20
DYNA-GRO	DG-3399RR *	18.6	20.2	---	19.4	---	94	107	---	10/13	1.2	23
DYNA-GRO	DG-3401NRR *	24.5	19.5	19.8	22.0	21.3	124	104	97	10/12	1.0	25
DYNA-GRO	DG-3468NRR *	26.1	---	---	---	---	132	---	---	10/22	1.0	22
GARST	D355RR *	18.1	---	---	---	---	92	---	---	9/30	1.0	22
GARST	D381RR/STS *	17.0	---	---	---	---	86	---	---	10/13	1.0	20
HOEGEMEYER	429RR *	24.2	---	---	---	---	123	---	---	10/14	1.0	24
MIDLAND	9A351NRR *	19.2	---	---	---	---	97	---	---	9/28	1.0	24
MIDLAND	9A362NRS *	13.3	---	---	---	---	68	---	---	10/2	1.0	19
MIDLAND	9A411NRR *	20.3	---	---	---	---	103	---	---	10/13	1.0	23
MIDLAND	9A432NRS *	24.5	---	---	---	---	124	---	---	10/14	1.0	24
MIDLAND	9A442NRR *	23.3	---	---	---	---	118	---	---	10/15	1.0	23
MIDLAND	9G380RR/STS *	20.4	21.6	---	21.0	---	104	115	---	10/5	1.0	21
MIDWEST SEED	GR3731 *	21.6	---	---	---	---	110	---	---	10/3	1.0	23
MIDWEST SEED	GR3931 *	17.4	---	---	---	---	88	---	---	10/1	1.0	20
NC+	3A61RR *	19.9	---	---	---	---	101	---	---	10/8	1.0	19
NC+	3A72RR *	20.9	20.6	---	20.8	---	106	110	---	10/8	1.0	23
NK	S39-Q4 *	22.6	---	---	---	---	115	---	---	10/13	1.0	22
PIONEER	93B85 *	16.3	---	---	---	---	83	---	---	10/14	1.0	21
PIONEER	94B01 *	21.6	---	---	---	---	110	---	---	10/17	1.0	23
TAYLOR	388RR *	19.3	---	---	---	---	98	---	---	10/13	1.0	20
TAYLOR	427RRS *	26.0	---	---	---	---	132	---	---	10/19	1.0	22
TRIUMPH	TR3939RR *	16.9	---	20.8	---	---	86	---	102	10/3	1.2	28
TRIUMPH	TR4462RR *	21.2	---	---	---	---	108	---	---	10/15	1.0	22
WILLCROSS	RR2351 *	18.2	---	---	---	---	92	---	---	10/2	1.0	21
WILLCROSS	RR2371N *	21.5	---	---	---	---	109	---	---	10/2	1.0	23
WILLCROSS	RR2392N *	16.8	---	---	---	---	85	---	---	10/8	1.0	19
WILLCROSS	RR243B9N *	23.8	---	---	---	---	121	---	---	10/13	1.3	26
WILLCROSS	RR2451NSTS *	20.4	---	---	---	---	104	---	---	10/21	1.0	24
WILLCROSS	RR2469N *	26.8	21.3	14.8	24.1	21.0	136	113	73	10/18	1.1	26
WILLCROSS	RR2481N *	24.9	---	---	---	---	126	---	---	10/18	1.0	25
WILLCROSS	RR2482NSTS *	17.9	---	---	---	---	91	---	---	10/18	1.2	22
TEST AVERAGES		19.7	18.8	20.4								
LSD(.10)		3.5	2.6	5.6								

TABLE 21. STAFFORD COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG3957RR *	54.7	56.8	44.7	55.8	52.1	90	104	109	9/21	1.8	34
ADVANCED GENETICS	AG4442RR *	60.1	---	---	---	---	99	---	---	9/23	1.3	37
AGRIPRO/GARST	XR0139N39 *	59.8	---	---	---	---	98	---	---	9/20	1.0	32
ASGROW	AG3503 *	60.9	---	---	---	---	100	---	---	9/17	1.0	30
ASGROW	AG3902 *	62.1	---	---	---	---	102	---	---	9/20	1.3	33
ASGROW	AG4403 *	65.5	---	---	---	---	108	---	---	9/23	1.8	37
CROPLAN GENETICS	RC4444 *	66.4	---	---	---	---	109	---	---	9/22	1.3	38
CROPLAN GENETICS	RC4848 *	55.2	---	---	---	---	91	---	---	9/24	1.5	36
CROPLAN GENETICS	RC5252 *	47.0	---	---	---	---	77	---	---	9/27	1.3	36
DEKALB	DKB38-52 *	66.5	---	---	---	---	109	---	---	9/17	1.5	34
DEKALB	DKB40-51 *	63.9	---	---	---	---	105	---	---	9/21	1.3	36
DEKALB	DKB44-51 *	59.8	59.8	---	59.8	---	98	109	---	9/23	1.3	37
DELTAPINE	DP 4344RR *	58.2	57.2	52.2	57.7	55.9	96	104	127	9/25	1.8	44
DELTAPINE	DP 4690RR *	58.9	57.6	47.6	58.3	54.7	97	105	116	9/24	1.8	42
DELTAPINE	DPLX4300RR *	57.6	---	---	---	---	95	---	---	9/23	2.0	45
DELTAPINE	DPLX4885RR *	59.9	---	---	---	---	99	---	---	9/26	1.8	43
DYNA-GRO	DG-3370RR *	65.9	55.2	39.1	60.6	53.4	108	101	96	9/20	1.0	34
GARST	D355RR *	49.7	57.3	39.6	53.5	48.9	82	105	97	9/15	1.3	30
GARST	D381RR/STS *	61.7	---	---	---	---	101	---	---	9/22	1.5	32
HOEGEMEYER	391NRR *	66.4	---	---	---	---	109	---	---	9/19	1.8	34
HOEGEMEYER	413NRR *	64.5	---	---	---	---	106	---	---	9/22	1.5	33
MIDLAND	9A351NRR *	65.5	---	---	---	---	108	---	---	9/19	1.8	32
MIDLAND	9A362NRS *	57.2	---	---	---	---	94	---	---	9/18	1.0	27
MIDLAND	9A411NRR *	65.8	---	---	---	---	108	---	---	9/23	1.5	37
MIDLAND	9A432NRS *	61.5	---	---	---	---	101	---	---	9/23	1.3	33
MIDLAND	9A442NRR *	68.0	---	---	---	---	112	---	---	9/23	1.5	38
MIDLAND	9G380RR/STS *	62.9	50.4	---	56.7	---	103	92	---	9/21	1.5	31
MIDWEST SEED	GR3331 *	61.3	---	---	---	---	101	---	---	9/15	1.0	30
MIDWEST SEED	GR3731 *	62.0	---	---	---	---	102	---	---	9/18	1.0	30
MIDWEST SEED	GR3931 *	66.9	---	---	---	---	110	---	---	9/19	1.0	31
NC+	3A61RR *	66.4	---	---	---	---	109	---	---	9/22	1.3	32
NC+	3A72RR *	58.6	---	---	---	---	96	---	---	9/17	1.0	31
NK	S39-Q4 *	60.6	---	---	---	---	100	---	---	9/22	1.3	34
NK	S46-W8 *	59.8	---	---	---	---	98	---	---	9/23	1.5	39
PIONEER	93B72 *	62.2	---	---	---	---	102	---	---	9/20	1.8	30
PIONEER	93B85 *	61.7	---	---	---	---	101	---	---	9/19	1.3	32
PIONEER	94B01 *	59.2	---	---	---	---	97	---	---	9/21	1.5	33
PUBLIC	K1537RR *	70.7	---	---	---	---	116	---	---	9/23	2.3	39
PUBLIC	K1538RR *	51.7	---	---	---	---	85	---	---	9/20	1.8	39
PUBLIC	K1539RR *	57.0	---	---	---	---	94	---	---	9/24	2.0	34
PUBLIC	K1540RR *	54.4	---	---	---	---	89	---	---	9/21	1.8	35
PUBLIC	K1541RR *	65.0	---	---	---	---	107	---	---	9/21	1.0	31
PUBLIC	K1542RR *	55.3	---	---	---	---	91	---	---	9/20	2.0	36
STINE	3808-4 *	58.7	---	---	---	---	97	---	---	9/19	1.0	31
STINE	4001-4 *	67.1	57.9	41.1	62.5	55.4	110	106	100	9/21	1.5	32
STINE	4202-4 *	59.8	---	---	---	---	98	---	---	9/22	1.3	32
STINE	4402-4 *	63.5	---	---	---	---	104	---	---	9/24	2.0	38
TRIUMPH	TR4462RR *	67.1	---	---	---	---	110	---	---	9/23	2.0	40
WILLCROSS	RR2351 *	57.9	---	---	---	---	95	---	---	9/15	1.0	34
WILLCROSS	RR2371N *	66.8	---	---	---	---	110	---	---	9/18	1.0	31
WILLCROSS	RR2392N *	66.7	---	---	---	---	110	---	---	9/19	1.3	33
WILLCROSS	RR2399N *	58.9	52.7	---	55.8	---	97	96	---	9/21	1.8	35
WILLCROSS	RR2422N *	57.2	---	---	---	---	94	---	---	9/23	1.5	35
WILLCROSS	RR243B9N *	60.6	---	---	---	---	100	---	---	9/23	1.8	36
WILLCROSS	RR2442N *	50.7	---	---	---	---	83	---	---	9/23	1.8	35
WILLCROSS	RR2469N *	62.9	68.3	---	65.6	---	103	125	---	9/25	2.0	41
WILLCROSS	RR2490N *	51.8	53.2	---	52.5	---	85	97	---	9/25	1.5	41
TEST AVERAGES		60.8	54.8	41.0								
LSD(.10)		7.0	6.6	6.3								

TABLE 22. THOMAS COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
ADVANCED GENETICS	AG2942RR *	62.5	---	---	---	---	96	---	---	9/21	1.0	31
ADVANCED GENETICS	AGX3111RR *	67.3	---	---	---	---	104	---	---	9/19	1.0	33
AGRIPRO/GARST	2912RR/N *	53.2	---	---	---	---	82	---	---	9/20	1.0	28
AGRIPRO/GARST	2933RR *	58.9	---	---	---	---	91	---	---	9/20	1.0	33
AGRIPRO/GARST	3083RR *	61.4	44.1	---	52.8	---	95	95	---	9/21	1.3	32
ASGROW	AG2703 *	63.6	---	---	---	---	98	---	---	9/14	1.0	31
ASGROW	AG3302 *	67.6	47.9	66.8	57.8	60.8	104	103	100	9/23	1.5	38
ASGROW	AG3503 *	76.3	---	---	---	---	118	---	---	9/23	1.3	36
CROPLAN GENETICS	RC3939 *	65.5	---	---	---	---	101	---	---	9/25	1.3	35
DEKALB	DKB28-51 *	67.6	43.2	---	55.4	---	104	93	---	9/18	1.0	35
DEKALB	DKB32-52 *	62.1	---	---	---	---	96	---	---	9/22	1.5	34
DEKALB	DKB38-51 *	64.5	52.1	---	58.3	---	100	112	---	9/26	2.3	36
DYNA-GRO	DG-3323RR *	63.8	---	---	---	---	98	---	---	9/22	1.0	32
DYNA-GRO	DG-3362NRR *	71.6	---	---	---	---	110	---	---	9/29	1.8	31
MIDLAND	9A351NRR *	64.6	---	---	---	---	100	---	---	9/29	2.0	39
MIDLAND	9G380RR/STS *	65.3	54.7	---	60.0	---	101	118	---	9/29	1.8	37
NC+	3A41RR *	67.4	---	---	---	---	104	---	---	9/25	1.5	33
NK	S29-C9 *	66.2	41.0	---	53.6	---	102	88	---	9/18	1.5	37
NK	S32-M2 *	61.4	---	---	---	---	95	---	---	9/20	1.3	32
PIONEER	93B35 *	64.6	---	---	---	---	100	---	---	9/22	1.0	32
PIONEER	93B53 *	67.3	---	---	---	---	104	---	---	9/26	1.5	36
PIONEER	93B72 *	71.4	---	---	---	---	110	---	---	9/25	2.0	38
PUBLIC	K1537RR *	59.9	---	---	---	---	92	---	---	10/2	3.0	41
PUBLIC	K1538RR *	66.4	---	---	---	---	102	---	---	10/1	3.0	38
PUBLIC	K1539RR *	65.4	---	---	---	---	101	---	---	10/5	2.8	40
PUBLIC	K1540RR *	65.4	---	---	---	---	101	---	---	10/1	2.8	37
PUBLIC	K1541RR *	61.2	---	---	---	---	94	---	---	9/28	1.5	35
PUBLIC	K1542RR *	61.6	---	---	---	---	95	---	---	10/3	2.8	38
STINE	3232-4 *	60.1	---	---	---	---	93	---	---	9/20	1.0	33
TRIUMPH	TR3750RR *	67.4	45.9	---	56.7	---	104	99	---	9/26	1.8	36
US SEEDS	US E4002RR *	73.1	---	---	---	---	113	---	---	9/28	2.3	38
US SEEDS	US S3701RR *	65.1	42.4	---	53.8	---	100	91	---	9/24	1.3	39
TEST AVERAGES		64.8	46.5	66.5								
LSD(.10)		4.0	5.3	6.8								

TABLE 23. GREELEY COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (DRYLAND), 1999-2001.

		YIELD (Bu/A)					YIELD AS % OF TEST AVERAGE			MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	1999	2-Yr	3-Yr	2001	2000	1999	------2001------		
					MATURITY GROUPS II-IV							
AGRIPRO	3510RR *	13.0	---	---	---	---	75	---	---	9/21	1.0	24
ASGROW	AG2703 *	24.6	---	---	---	---	142	---	---	9/7	1.0	20
ASGROW	AG3302 *	15.5	11.1	23.4	13.3	16.7	90	96	97	9/21	1.0	22
ASGROW	AG3903 *	15.3	---	---	---	---	88	---	---	9/22	1.0	23
DEKALB	DKB28-51 *	25.0	14.0	---	19.5	---	145	121	---	9/7	1.0	21
DEKALB	DKB32-52 *	19.8	---	---	---	---	114	---	---	9/20	1.0	21
DEKALB	DKB38-51 *	14.7	13.3	---	14.0	---	85	115	---	9/24	1.0	20
PIONEER	93B01*	25.9	---	---	---	---	150	---	---	9/11	1.0	20
PIONEER	93B35 *	10.6	---	---	---	---	61	---	---	9/22	1.0	17
PIONEER	93B53 *	16.1	---	---	---	---	93	---	---	9/20	1.0	21
TRIUMPH	TR3750RR *	13.6	9.9	---	11.8	---	79	85	---	9/23	1.0	24
TRIUMPH	TR3939RR *	13.4	---	---	---	---	77	---	---	9/26	1.0	25
TEST AVERAGES		17.3	11.6	24.1								
LSD(.10)		2.6	2.1	2.6								

TABLE 24. FINNEY COUNTY ROUNDUP-RESISTANT SOYBEAN PERFORMANCE (IRRIGATED), 2000-2001.

		YIELD (Bu/A)			YIELD AS % OF TEST AVERAGE		MAT	LOD SCORE	HT IN
BRAND	NAME	2001	2000	2-Yr	2001	2000		2001	
	MATURITY GROUPS II-IV								
AGRIPRO	3510RR *	69.6	---	---	136	---	9/24	1.7	36
AGRIPRO	3881RR/STS *	62.0	---	---	121	---	9/29	1.3	30
ASGROW	AG3503 *	54.3	---	---	106	---	9/28	1.0	29
ASGROW	AG3902 *	59.3	---	---	116	---	10/3	1.0	29
ASGROW	AG3903 *	66.3	---	---	130	---	10/3	1.7	31
CROPLAN GENETICS	RC4444 *	49.8	---	---	97	---	10/5	1.0	29
CROPLAN GENETICS	RC4848 *	59.5	---	---	116	---	10/10	1.7	35
CROPLAN GENETICS	RC5252 *	48.7	---	---	95	---	10/17	1.0	26
DEKALB	DKB38-51 *	46.2	56.8	51.5	90	112	10/1	1.0	27
DEKALB	DKB40-51 *	54.7	---	---	107	---	10/2	1.0	33
DEKALB	DKB44-51 *	53.5	---	---	105	---	10/8	1.0	29
DYNA-GRO	DG-3370RR *	58.3	---	---	114	---	9/27	1.7	33
DYNA-GRO	DG-3373NRR *	43.5	---	---	85	---	9/30	1.0	29
DYNA-GRO	DG-3388RR *	49.1	49.1	49.1	96	97	9/30	1.0	31
DYNA-GRO	DG-3390NRR *	48.4	---	---	95	---	10/2	1.0	29
DYNA-GRO	DG-3399RR *	48.2	48.0	48.1	94	95	9/28	1.0	29
DYNA-GRO	DG-3401NRR *	47.8	52.1	50.0	94	103	9/27	1.7	32
DYNA-GRO	DG-3443NRR *	48.1	---	---	94	---	10/9	1.0	27
DYNA-GRO	DG-3468NRR *	48.7	65.5	57.1	95	129	10/9	1.0	29
GARST	D370RR *	46.9	51.9	49.4	92	102	9/26	1.0	30
GARST	D381RR/STS *	50.6	54.4	52.5	99	107	9/30	1.7	27
MIDLAND	9A351NRR *	55.0	---	---	108	---	9/29	1.7	31
MIDLAND	9A362NRS *	37.9	---	---	74	---	9/30	1.0	26
MIDLAND	9A411NRR *	57.6	---	---	113	---	10/5	2.0	31
MIDLAND	9A432NRS *	57.5	---	---	113	---	10/5	2.0	33
MIDLAND	9A442NRR *	49.8	---	---	97	---	10/7	1.7	31
MIDLAND	9G380RR/STS *	38.0	57.1	47.6	74	113	9/29	1.0	29
MIDWEST SEED	GR3331 *	41.2	---	---	81	---	9/27	1.0	23
MIDWEST SEED	GR3506 *	48.5	---	---	95	---	9/23	1.7	33
MIDWEST SEED	GR3731 *	47.5	---	---	93	---	10/2	1.0	29
MIDWEST SEED	GR3931 *	44.1	---	---	86	---	10/2	1.0	27
NC+	3A72RR *	51.7	---	---	101	---	9/26	1.0	29
NC+	4A29RR *	53.1	63.8	58.5	104	126	10/3	1.0	33
NC+	4N51RR *	52.0	---	---	102	---	10/7	1.3	29
NK	S39-Q4 *	47.0	---	---	92	---	10/3	1.0	28
PIONEER	93B53 *	63.0	---	---	123	---	9/27	2.0	29
PIONEER	93B72 *	44.9	---	---	88	---	9/24	1.0	30
PIONEER	93B85 *	58.9	---	---	115	---	10/3	1.3	29
STINE	3632-4 *	50.1	---	---	98	---	10/1	1.0	26
STINE	3763-4 *	62.7	65.1	63.9	123	128	10/4	1.3	29
STINE	3800-4 *	48.5	---	---	95	---	9/29	1.0	28
STINE	3808-4 *	50.1	---	---	98	---	9/28	1.0	27
TRIUMPH	TR4462RR *	50.5	---	---	99	---	10/8	1.3	29
US SEEDS	US E5402RR *	39.0	---	---	76	---	10/18	1.7	33
US SEEDS	US S4809RR *	34.5	49.6	42.1	68	98	10/9	1.7	37
WILLCROSS	RR2351 *	61.9	---	---	121	---	9/26	1.3	32
WILLCROSS	RR236B2 *	55.9	---	---	109	---	9/29	1.0	27
WILLCROSS	RR2371N *	45.1	---	---	88	---	10/1	1.3	29
WILLCROSS	RR2392N *	50.7	---	---	99	---	9/30	1.3	28
WILLCROSS	RR243B9N *	44.0	---	---	86	---	10/4	1.0	34
TEST AVERAGES		51.1	50.7						
LSD(.10)		11.4	13.0						

TABLE 25. YIELD AS % OF TEST AVERAGE FROM 2001 LOCATIONS.

		STANDARD TRIALS												ROUNDUP-RESISTANT TRIALS									
BRAND	NAME	BRO	SHA	FRA	CHE	RPD	RCI	HAR	ELL	SUM	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	GRR	FIR	AVGRR	SCN
ADVANCED GENETICS	AG2942RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	96	44	---	96	---	---	79	---
ADVANCED GENETICS	AG3232RR *	---	---	---	---	---	---	---	---	---	---	---	---	121	100	97	---	98	96	---	---	---	---	102	---
ADVANCED GENETICS	AG3741RR *	---	---	---	---	---	---	---	---	---	---	---	---	83	95	104	---	98	101	---	---	---	---	96	---
ADVANCED GENETICS	AG3797RR *	---	---	---	---	---	---	---	---	---	---	---	---	100	100	90	---	102	79	---	---	---	---	94	---
ADVANCED GENETICS	AG3992RR *	---	---	---	---	---	---	---	---	---	---	---	---	121	105	80	---	100	78	---	---	---	---	97	---
ADVANCED GENETICS	AG3827RR/STS *	---	---	---	---	---	---	---	---	---	---	---	---	44	105	96	---	99	91	---	---	---	---	87	---
ADVANCED GENETICS	AG3950STS	---	92	---	---	---	---	106	---	---	---	---	99	---	---	---	---	---	---	---	---	---	---	---	---
ADVANCED GENETICS	AG3957RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	111	90	---	---	---	101	---
ADVANCED GENETICS	AG4188 STS	---	---	113	---	---	---	111	---	121	---	---	115	---	---	---	---	---	---	---	---	---	---	---	---
ADVANCED GENETICS	AG4442RR *	---	---	---	---	---	---	---	---	---	---	---	---	105	---	110	98	---	112	99	---	---	---	105	---
ADVANCED GENETICS	AG5012NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	126	101	---	---	---	---	---	---	113	---
ADVANCED GENETICS	AG5424NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	126	96	---	---	---	---	---	---	111	---
ADVANCED GENETICS	AGX3111RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	68	---	104	---	---	90	---
ADVANCED GENETICS	AGX3610 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	---	---	97	---
ADVANCED GENETICS	AGX3832RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	---	---	---	---	---	100	---
AGRIPRO	3510RR *	---	---	---	---	---	---	---	---	---	---	---	---	114	---	---	---	102	---	---	---	75	136	107	---
AGRIPRO	3881RR/STS *	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	---	---	---	---	---	121	110	---
AGRIPRO/GARST	2912RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	82	---	---	82	---
AGRIPRO/GARST	2933RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	91	---	---	91	---
AGRIPRO/GARST	3083RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	95	---	---	96	---
AGRIPRO/GARST	4512RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	105	---	---	---	---	---	---	107	---
AGRIPRO/GARST	5512RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	106	---
AGRIPRO/GARST	XR0139N39 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101	---	98	---	---	---	100	---
AGRIPRO/GARST	XR0139N40 *	---	---	---	---	---	---	---	---	---	---	---	---	---	83	85	---	---	---	---	---	---	---	84	---
ASGROW	AG2703 *	---	---	---	---	---	---	---	---	52	---	---	52	---	---	---	---	98	---	---	98	142	---	113	---
ASGROW	AG3201 *	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---	---	---	---	---	---	104	---
ASGROW	AG3302 *	---	---	---	---	101	---	---	92	79	---	---	90.7	113	95	69	---	100	68	---	104	90	---	91	---
ASGROW	AG3503 *	---	---	---	---	115	---	---	---	99	---	---	107	100	---	---	---	99	---	100	118	---	106	105	---
ASGROW	AG3702 *	---	---	---	---	---	---	---	---	---	---	---	---	112	---	97	---	---	---	---	---	---	---	105	---
ASGROW	AG3902 *	---	---	---	---	---	---	---	115	---	---	---	115	---	---	---	---	---	84	102	---	---	116	101	---
ASGROW	AG3903 *	---	---	---	---	111	---	---	116	82	---	---	103	133	103	---	---	---	77	---	---	88	130	106	---
ASGROW	AG4403 *	---	---	---	125	---	---	---	---	---	---	---	125	---	104	118	113	---	---	108	---	---	---	111	---
ASGROW	AG4702 *	---	---	---	69	---	---	---	---	---	---	---	69	---	---	104	99	---	---	---	---	---	---	101	89
ASGROW	AG4902 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	76
ASGROW	AG5001 *	---	---	---	93	---	---	---	---	---	---	---	93	---	---	---	99	---	---	---	---	---	---	99	99
ASGROW	AG5501 *	---	---	---	110	---	---	---	---	---	---	---	110	---	---	---	101	---	---	---	---	---	---	101	123
CROPLAN GENETICS	RC3335 *	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	93	---	---	---	---	---	93	---
CROPLAN GENETICS	RC3866 *	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	---	96	---	---	---	---	---	100	---
CROPLAN GENETICS	RC3939 *	---	---	---	---	---	---	---	---	---	---	---	---	115	111	84	---	98	---	---	101	---	---	102	---
CROPLAN GENETICS	RC4444 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	114	---	---	113	109	---	---	97	108	---
CROPLAN GENETICS	RC4848 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	111	91	---	---	116	104	---
CROPLAN GENETICS	RC5252 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	77	---	---	95	91	---
CROW'S	C3315R *	---	---	---	---	---	---	---	---	---	---	---	---	91	---	---	---	---	---	---	---	---	---	91	---
CROW'S	C3715R *	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	---	---	---	---	---	---	---	98	---
CROW'S	C3915R *	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	---	---	---	---	---	---	---	105	---

(CONTINUED)

TABLE 25. YIELD AS % OF TEST AVERAGE FROM 2001 LOCATIONS. (CONTINUED)

		STANDARD TRIALS												ROUNDUP-RESISTANT TRIALS											
BRAND	NAME	BRO	SHA	FRA	CHE	RPD	RCI	HAR	ELL	SUM	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	GRR	FIR	AVGRR	SCN
DEKALB	DKB28-51 *	---	---	---	---	---	---	---	---	68	---	---	68	---	---	---	---	---	---	---	104	145	---	124	---
DEKALB	DKB31-51 *	---	---	---	---	80	---	---	---	94	---	---	87	---	---	---	---	103	---	---	---	---	---	103	---
DEKALB	DKB32-52 *	---	---	---	---	87	---	---	122	---	---	---	105	---	---	---	---	---	---	---	96	114	---	105	---
DEKALB	DKB35-51 *	---	---	---	---	---	---	---	113	101	---	---	107	123	---	---	---	111	83	---	---	---	---	106	---
DEKALB	DKB36-51 *	---	---	---	---	---	---	---	---	---	---	---	---	106	99	95	---	---	---	---	---	---	---	100	---
DEKALB	DKB38-51 *	---	---	---	---	126	---	---	104	95	---	---	108	---	---	---	---	110	83	---	100	85	90	94	---
DEKALB	DKB38-52 *	---	---	---	---	---	---	---	---	---	---	---	---	104	82	82	---	---	---	109	---	---	---	94	---
DEKALB	DKB40-51 *	---	---	---	---	---	---	---	---	---	---	---	---	93	98	107	---	---	116	105	---	---	107	104	---
DEKALB	DKB44-51 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	105	102	---
DEKALB	DKB45-51 *	---	---	---	96	---	---	---	---	---	---	---	96	---	101	89	94	---	---	---	---	---	---	95	70
DELTAPINE	DP 4344RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	82	109	---	105	96	---	---	---	98	---
DELTAPINE	DP 4690RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	114	107	---	121	97	---	---	---	110	---
DELTAPINE	DP 4748S	---	---	---	98	---	---	110	---	159	---	---	122	---	---	---	---	---	---	---	---	---	---	---	129
DELTAPINE	DPLX4300RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	90	---	107	95	---	---	---	100	---
DELTAPINE	DPLX4885RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110	94	---	117	99	---	---	---	105	---
DYNA-GRO	DG-3323RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	98	---
DYNA-GRO	DG-3362NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	110	---	---	107	---
DYNA-GRO	DG-3370RR *	---	---	---	---	---	---	---	---	---	---	---	---	105	96	---	---	99	---	108	---	---	114	104	---
DYNA-GRO	DG-3373NRR *	---	---	---	---	---	---	---	---	---	---	---	---	102	102	---	---	95	113	---	---	---	85	100	---
DYNA-GRO	DG-3388RR *	---	---	---	---	---	---	---	---	106	---	---	106	98	93	101	---	100	101	---	---	---	96	98	---
DYNA-GRO	DG-3390NRR *	---	---	---	---	---	---	---	---	---	---	---	---	114	99	84	77	103	85	---	---	---	95	94	---
DYNA-GRO	DG-3395	94	107	122	91	---	---	---	---	85	---	---	99.8	---	---	---	---	---	---	---	---	---	---	---	---
DYNA-GRO	DG-3399RR *	---	---	---	---	---	---	---	---	---	---	---	---	99	100	97	78	99	94	---	---	---	94	95	---
DYNA-GRO	DG-3401NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	94	91	87	---	124	---	---	---	94	98	---
DYNA-GRO	DG-3443NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	113	107	---	---	---	---	---	94	105	---
DYNA-GRO	DG-3468NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	115	112	---	132	---	---	---	95	114	---
DYNA-GRO	DG-3484NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	95	---	---	---	---	---	---	95	---
DYNA-GRO	DG-3521NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101	---	---	---	---	---	---	101	---
GARST	D355RR *	---	---	---	---	---	---	---	---	---	---	---	---	92	111	---	---	98	92	82	---	---	---	95	---
GARST	D370RR *	---	---	---	---	---	---	---	---	---	---	---	---	110	---	---	---	---	---	---	---	---	92	101	---
GARST	D381RR/STS *	---	---	---	---	---	---	---	---	---	---	---	---	79	103	93	---	102	86	101	---	---	99	95	---
GARST	D385	---	99	102	---	---	107	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	---	---
GARST	D398	79	102	---	---	---	102	---	---	---	---	---	94.3	---	---	---	---	---	---	---	---	---	---	---	---
GARST	D437RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	92	94	---	---	---	---	---	---	93	---
GARST	D445/N	---	---	117	---	---	---	---	---	95	---	---	106	---	---	---	---	---	---	---	---	---	---	---	108
GARST	D484RR/N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	94	---
HAMON	427N	145	117	---	---	---	---	---	---	---	---	---	131	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	329STS	---	---	87	---	77	107	---	---	---	---	---	90.3	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	340RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	122	---	---	100	---	---	---	---	---	111	---
HOEGEMEYER	351RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	---	---	98	---
HOEGEMEYER	390STS	---	111	92	---	77	111	96	---	---	---	---	97.4	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	391NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	103	108	---	99	---	109	---	---	---	105	---
HOEGEMEYER	402ASTS	---	94	110	---	---	---	92	---	---	---	---	98.7	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	410NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
HOEGEMEYER	413NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	92	---	---	---	---	106	---	---	---	99	---
HOEGEMEYER	429RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	93	---	---	123	---	---	---	---	108	---
HOEGEMEYER	452NSTS	---	109	97	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	---	61
KSOY	KS4694	86	89	98	114	119	79	110	118	109	99	106	102	---	---	---	---	---	---	---	---	---	---	---	74
KSOY	KS4895	---	---	---	89	---	---	---	---	---	---	---	89	---	---	---	---	---	---	---	---	---	---	---	108
KSOY	KS4997	---	---	---	103	---	---	---	---	---	---	---	103	---	---	---	---	---	---	---	---	---	---	---	104
KSOY	MACON	92	101	115	89	106	68	103	85	88	100	85	93.8	---	---	---	---	---	---	---	---	---	---	---	67
KSOY	STRESSLAND	137	88	88	109	124	90	88	117	99	100	91	103	---	---	---	---	---	---	---	---	---	---	---	86

(CONTINUED)

TABLE 25. YIELD AS % OF TEST AVERAGE FROM 2001 LOCATIONS. (CONTINUED)

		STANDARD TRIALS												ROUNDUP-RESISTANT TRIALS											
BRAND	NAME	BRO	SHA	FRA	CHE	RPD	RCI	HAR	ELL	SUM	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	GRR	FIR	AVGRR	SCN
LEWIS	3814RR *	---	---	---	---	---	---	---	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	109	---
LEWIS	3999RR *	---	---	---	---	---	---	---	---	---	---	---	---	96	---	---	---	---	---	---	---	---	---	96	---
LEWIS	4119RR *	---	---	---	---	---	---	---	---	---	---	---	---	117	---	---	---	---	---	---	---	---	---	117	---
M-PRIDE	MPV381NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	95	---	---	---	---	---	---	---	---	95	---
M-PRIDE	MPV430NSTS	---	---	97	---	---	---	---	---	---	---	---	97	---	---	---	---	---	---	---	---	---	---	---	---
M-PRIDE	MPV437NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	100	---	---	---	---	---	---	---	---	100	---
M-PRIDE	MPV440STS	---	---	100	---	---	---	---	---	---	---	---	100	---	---	---	---	---	---	---	---	---	---	---	---
M-PRIDE	MPV457NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	88	93	113	---	---	---	---	---	---	98	---
M-PRIDE	MPV472NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---	---	---	---	---	---	102	---
M-PRIDE	MPV492NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	---	---	---	---	---	---	100	---
M-PRIDE	MPV532NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	---	---	---	---	105	---
M-PRIDE	MPV552NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	94	---	---	---	---	---	---	94	---
MFA MORSOY	3709N	---	---	107	---	---	---	---	---	---	---	---	107	---	---	---	---	---	---	---	---	---	---	---	---
MFA MORSOY	4426SCN	---	---	107	116	---	---	---	---	---	---	---	112	---	---	---	---	---	---	---	---	---	---	---	89
MFA MORSOY	RT 4020N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	82	---	---	---	---	---	---	---	82	---
MFA MORSOY	RT 4478SCN *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	111	---	---	---	---	---	---	---	111	---
MFA MORSOY	RT 4499N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	103	---	---	---	---	---	---	100	---
MFA MORSOY	RT 4809 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	---	---	---	---	98	---
MFA MORSOY	RT 5110N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	113	---	---	---	---	---	---	113	---
MFA MORSOY	RT 5440N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101	---	---	---	---	---	---	101	---
MFA MORSOY	RTS 4331N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	98	---	---	---	---	---	---	---	98	---
MFA MORSOY	RT 4480N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	111	132	---	---	---	---	---	---	121	---
MIDLAND	8382RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---	---	---	---	---	---	---	102	---
MIDLAND	9A292NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	---	---	97	---
MIDLAND	9A312RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	103	---
MIDLAND	9A332NRR *	---	---	---	---	---	---	---	---	---	---	---	---	97	91	---	---	---	---	---	---	---	---	94	---
MIDLAND	9A350	---	---	---	---	---	---	104	122	99	120	105	110	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	9A351NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	108	97	108	100	---	108	104	---
MIDLAND	9A362NRS *	---	---	---	---	---	---	---	---	---	---	---	---	80	111	66	---	104	68	94	---	---	74	85	---
MIDLAND	9A382NRR *	---	---	---	---	---	---	---	---	---	---	---	---	130	95	109	---	---	---	---	---	---	---	112	---
MIDLAND	9A392NRR *	---	---	---	---	---	---	---	---	---	---	---	---	88	107	88	---	---	---	---	---	---	---	95	---
MIDLAND	9A411NRR *	---	---	---	---	---	---	---	---	---	---	---	---	82	---	116	103	---	103	108	---	---	113	104	---
MIDLAND	9A432NRS *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	124	101	---	---	113	113	---
MIDLAND	9A442NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	110	115	---	118	112	---	---	97	110	---
MIDLAND	9A462NRS *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	111	---	---	---	---	---	---	109	---
MIDLAND	9A532NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	---	---	---	---	---	---	109	---
MIDLAND	9A541NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---	---	---	---	---	---	102	---
MIDLAND	9B340RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	107	---
MIDLAND	9B351	---	---	---	---	111	119	---	---	---	---	---	115	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	9B370N	---	---	---	---	122	94	---	---	---	---	---	108	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	9B371RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101	---	---	---	---	---	101	---
MIDLAND	9B391STS	---	---	---	---	101	112	---	---	---	---	---	107	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	9B480RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	---	---	---	106	---
MIDLAND	9G351STS	---	---	---	---	---	104	---	---	---	---	---	104	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	9G380RR/STS *	---	---	---	---	---	---	---	---	---	---	---	---	85	102	108	---	100	104	103	101	---	74	97	---
MIDLAND	9G480NRR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	95	---	---	---	---	---	---	95	---
MIDLAND	XP 39	---	101	---	---	---	---	---	---	---	---	---	101	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	XP 40RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	---	---	---	107	---
MIDLAND	XP 41	---	89	---	---	---	---	---	---	---	---	---	89	---	---	---	---	---	---	---	---	---	---	---	---
MIDLAND	XP 42	---	---	---	---	---	96	---	---	---	---	---	96	---	---	---	---	---	---	---	---	---	---	---	---

(CONTINUED)

TABLE 25. YIELD AS % OF TEST AVERAGE FROM 2001 LOCATIONS. (CONTINUED)

		STANDARD TRIALS													ROUNDUP-RESISTANT TRIALS										
BRAND	NAME	BRO	SHA	FRA	CHE	RPD	RCI	HAR	ELL	SUM	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	GRR	FIR	AVGRR	SCN
MIDWEST SEED	GR3331 *	---	---	---	---	---	---	---	---	---	---	---	---	37	106	---	---	---	---	101	---	---	81	81	---
MIDWEST SEED	GR3506 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	68	---	---	---	---	---	---	95	81	---
MIDWEST SEED	GR3731 *	---	---	---	---	---	---	---	---	---	---	---	---	---	89	100	---	---	110	102	---	---	93	99	---
MIDWEST SEED	GR3931 *	---	---	---	---	---	---	---	---	---	---	---	---	---	104	85	---	---	88	110	---	---	86	95	---
MIDWEST SEED	GR4452 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	108	107	---	---	---	---	---	---	108	---
MIDWEST SEED	GR4744 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	87	---	---	---	---	---	---	87	---
MIDWEST SEED	GR4838 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	---	---	---	---	99	---
MIDWEST SEED	GR5138 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	112	---	---	---	---	---	---	112	---
MIDWEST SEED	GR5434 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	90	---	---	---	---	---	---	90	---
MSIA	ANAND	---	---	---	120	---	---	---	---	---	---	---	120	---	---	---	---	---	---	---	---	---	---	---	118
MSIA	DELSOY 5500	---	---	---	104	---	---	---	---	---	---	---	104	---	---	---	---	---	---	---	---	---	---	---	113
NC+	3A41RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	104	---
NC+	3A61RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	101	109	---	---	---	105	---
NC+	3A72RR *	---	---	---	---	---	---	---	---	---	---	---	---	106	---	---	---	99	106	96	---	---	101	102	---
NC+	3A83RRSTS *	---	---	---	---	---	---	---	---	---	---	---	---	59	101	---	---	97	---	---	---	---	---	86	---
NC+	3A99RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	89	93	---	---	---	---	---	---	---	91	---
NC+	4A29RR *	---	---	---	---	---	---	---	---	---	---	---	---	99	105	117	---	---	---	---	---	---	104	106	---
NC+	4N51RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	102	102	---
NC+	4N79RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	---	---	---	---	99	---
NC+	5A45RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	---	---	---	97	---
NK	S29-C9 *	---	---	---	---	---	---	---	---	---	---	---	---	80	---	---	---	99	---	---	102	---	---	94	---
NK	S30-P6 *	---	---	---	---	---	---	---	---	---	---	---	---	61	---	---	---	106	---	---	---	---	---	83	---
NK	S32-M2 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	95	---	95	---
NK	S39-Q4 *	---	---	---	---	---	---	---	---	---	---	---	---	117	104	---	---	109	115	100	---	---	92	106	---
NK	S46-W8 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	100	---	---	98	---	---	---	101	---
NK	S52-U3 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	118	---	---	---	---	---	---	118	---
NK	S57-A4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	---	---	---	---	---	---	100	123
NK	S58-R3 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	113	---	---	---	---	---	---	113	---
NK	S59-V6 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	124
PIONEER	93B01*	---	---	---	---	---	---	---	57	---	---	---	57	---	---	---	---	---	---	---	---	150	---	150	---
PIONEER	93B35 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	100	61	---	80	---
PIONEER	93B41	---	---	---	---	67	---	---	---	---	---	---	67	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	93B53 *	---	---	---	---	---	---	---	78	---	---	---	78	---	---	---	---	---	---	---	104	93	123	107	---
PIONEER	93B72 *	---	---	---	---	100	---	---	---	82	---	---	91	105	106	90	---	107	---	102	110	---	88	101	---
PIONEER	93B82	127	113	108	---	122	108	108	---	---	---	---	114	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	93B85 *	---	---	---	---	---	---	---	125	---	---	---	125	102	99	85	---	102	83	101	---	---	115	98	---
PIONEER	9492 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105
PIONEER	94B01 *	---	---	---	---	---	---	---	---	109	---	---	109	---	---	---	---	---	110	97	---	---	---	104	---
PIONEER	94B23 *	---	---	---	---	---	---	---	---	60	---	---	60	---	---	---	---	---	---	---	---	---	---	---	---
PIONEER	94B73 *	---	---	---	85	---	---	---	---	---	---	---	85	---	---	---	92	---	---	---	---	---	---	92	---
PIONEER	95B32 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	---	---	---	---	105	---
PIONEER	95B33	---	---	---	107	---	---	---	---	---	---	---	107	---	---	---	---	---	---	---	---	---	---	---	120
PIONEER	95B53 *	---	---	---	110	---	---	---	---	---	---	---	110	---	---	---	114	---	---	---	---	---	---	114	135
PRAIRIE BRAND	PB-3550RR *	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	---	---	---	---	---	---	---	105	---
PRAIRIE BRAND	PB-3621RR *	---	---	---	---	---	---	---	---	---	---	---	---	114	---	---	---	---	---	---	---	---	---	114	---
PRAIRIE BRAND	PB-3712NRR *	---	---	---	---	---	---	---	---	---	---	---	---	79	---	---	---	---	---	---	---	---	---	79	---
PRAIRIE BRAND	PB-3961NRR *	---	---	---	---	---	---	---	---	---	---	---	---	86	---	---	---	---	---	---	---	---	---	86	---
STINE	3232-4 *	---	---	---	---	---	---	---	---	---	---	---	---	73	94	---	---	---	---	---	93	---	---	86	---
STINE	3632-4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	---	---	---	---	98	101	---
STINE	3763-4 *	---	---	---	---	---	---	---	---	---	---	---	---	109	106	---	---	---	---	---	---	---	123	113	---
STINE	3800-4 *	---	---	---	---	---	---	---	---	---	---	---	---	101	---	105	---	104	---	---	---	---	95	101	---
STINE	3808-4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	109	---	---	---	---	97	---	---	98	101	---
STINE	3870-0	---	104	---	---	---	107	105	---	---	---	---	105	---	---	---	---	---	---	---	---	---	---	---	---
STINE	4001-4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	96	---	---	98	---	110	---	---	---	101	---

(CONTINUED)

TABLE 25. YIELD AS % OF TEST AVERAGE FROM 2001 LOCATIONS. (CONTINUED)

		STANDARD TRIALS												ROUNDUP-RESISTANT TRIALS										
BRAND	NAME	BRO	SHA	FRA	CHE	RPD	RCI	HAR	ELL	SUM	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	GRR	FIR	AVGRR	SCN
STINE	4202-4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	91	---	---	---	98	---	---	---	95	---
STINE	4402-4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---	104	---
STINE	4482-4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---	---	---	---	---	104	---
STINE	4700-4 *	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	94	---	---	---	---	---	97	98
STINE	4702-2	---	---	---	---	---	---	---	---	129	---	---	129	---	---	---	---	---	---	---	---	---	---	---	---
TAYLOR	311RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	111	---	---	---	---	---	111	---
TAYLOR	388RR *	---	---	---	---	---	---	---	---	---	---	---	---	106	108	95	---	---	98	---	---	---	---	102	---
TAYLOR	EXP33T-01RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	96	---	---	---	---	---	96	---
TAYLOR	357RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	105	---	---	110	---	---	---	---	---	107	---
TAYLOR	EXP360RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	109	---	---	102	---	---	---	---	---	106	---
TAYLOR	380RR *	---	---	---	---	---	---	---	---	---	---	---	---	109	---	77	---	---	---	---	---	---	---	93	---
TAYLOR	427RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	107	---	---	132	---	---	---	---	119	---
TAYLOR	440RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	99	---	---	---	---	---	---	104	---
TAYLOR	430RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	112	---	---	---	---	---	---	---	112	---
TAYLOR	EXPTC-33	---	109	---	---	---	---	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	---	---	---
TAYLOR	EXPTC-37	---	109	---	---	---	---	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	---	---	---
TRIUMPH	TR3750RR *	---	---	---	---	---	---	---	105	---	---	---	105	---	---	---	---	---	---	---	104	79	---	91	---
TRIUMPH	TR3939RR *	---	---	---	---	---	---	---	---	---	---	---	---	111	103	82	---	97	86	---	---	77	---	93	---
TRIUMPH	TR4462RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	116	---	---	108	110	---	---	99	108	---
TRIUMPH	TR4810RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---	---	---	---	---	---	102	---
TRIUMPH	TR5409RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	86	---	---	---	---	---	---	86	---
TRIUMPH	TR5511RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	102	---	---	---	---	---	---	102	---
US SEEDS	US E352	111	---	---	---	82	---	---	---	---	109	---	101	---	---	---	---	---	---	---	---	---	---	---	---
US SEEDS	US E3802RR/STS*	---	---	---	---	---	---	---	---	---	---	---	---	79	---	67	62	---	---	---	---	---	---	70	---
US SEEDS	US E4002RR *	---	---	---	---	---	---	---	---	---	---	---	---	113	---	110	---	---	---	---	113	---	---	112	---
US SEEDS	US E4402RR *	---	---	---	---	---	---	---	---	---	---	---	---	142	---	121	106	---	---	---	---	---	---	123	---
US SEEDS	US E5402RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---	---	---	76	90	---
US SEEDS	US S3701RR *	---	---	---	---	---	---	---	---	---	---	---	---	108	---	90	106	---	---	---	100	---	---	101	---
US SEEDS	US S371	136	---	---	---	100	---	---	---	---	117	---	118	---	---	---	---	---	---	---	---	---	---	---	86
US SEEDS	US S421	137	---	---	---	90	---	---	---	---	105	---	111	---	---	---	---	---	---	---	---	---	---	---	73
US SEEDS	US S471	---	---	---	---	---	---	---	---	---	---	103	103	---	---	---	---	---	---	---	---	---	---	---	98
US SEEDS	US S4809RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	104	---	---	---	---	---	68	86	---
WILLCROSS	RR2331N *	---	---	---	---	---	---	---	---	---	---	---	---	97	---	---	---	103	---	---	---	---	---	100	---
WILLCROSS	RR2350 *	---	---	---	---	---	---	---	---	---	---	---	---	103	---	---	---	97	---	---	---	---	---	100	---
WILLCROSS	RR2351 *	---	---	---	---	---	---	---	---	---	---	---	---	100	98	---	---	98	92	95	---	---	121	101	---
WILLCROSS	RR2361N *	---	---	---	---	---	---	---	---	---	---	---	---	90	96	---	---	100	---	---	---	---	---	95	---
WILLCROSS	RR2362N *	---	---	---	---	---	---	---	---	---	---	---	---	122	---	---	---	108	---	---	---	---	---	115	---
WILLCROSS	RR236B2 *	---	---	---	---	---	---	---	---	---	---	---	---	123	---	---	---	96	---	---	---	---	109	110	---
WILLCROSS	RR2370 *	---	---	---	---	---	---	---	---	---	---	---	---	72	---	---	---	98	---	---	---	---	---	85	---
WILLCROSS	RR2371N *	---	---	---	---	---	---	---	---	---	---	---	---	108	100	95	93	97	109	110	---	---	88	100	---
WILLCROSS	RR2392N *	---	---	---	---	---	---	---	---	91	---	---	91	---	99	84	88	99	85	110	---	---	99	95	---
WILLCROSS	RR2399N *	---	---	---	---	---	---	---	---	83	---	---	83	---	---	---	78	---	---	97	---	---	---	88	---
WILLCROSS	RR2422N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	113	107	---	---	94	---	---	---	105	---
WILLCROSS	RR2439N *	---	---	---	---	---	---	---	---	114	---	---	114	---	---	---	90	---	---	---	---	---	---	90	---
WILLCROSS	RR243B9N *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	---	121	100	---	---	86	104	---
WILLCROSS	RR2442N *	---	---	---	---	---	---	---	---	---	---	---	---	---	99	119	104	---	---	83	---	---	---	101	---
WILLCROSS	RR2451NSTS *	---	---	---	---	---	---	---	---	139	---	---	139	---	---	---	93	---	104	---	---	---	---	98	---
WILLCROSS	RR2469N *	---	---	---	---	---	---	---	---	128	---	---	128	---	---	100	118	---	136	103	---	---	---	115	---
WILLCROSS	RR2481N *	---	---	---	---	---	---	---	---	108	---	---	108	---	---	109	100	---	126	---	---	---	---	112	---
WILLCROSS	RR2482NSTS *	---	---	---	---	---	---	---	---	114	---	---	114	---	---	---	102	---	91	---	---	---	---	96	---
WILLCROSS	RR2490N *	---	---	---	---	---	---	---	---	122	---	---	122	---	---	111	99	---	---	85	---	---	---	98	---
WILLCROSS	RR2517N *	---	---	---	---	---	---	---	---	118	---	---	118	---	---	---	101	---	---	---	---	---	---	101	---
WILLCROSS	RR2542N *	---	---	---	---	---	---	---	---	129	---	---	129	---	---	---	108	---	---	---	---	---	---	108	---
WILLCROSS	RR2549N *	---	---	---	---	---	---	---	---	89	---	---	89	---	---	---	94	---	---	---	---	---	---	94	---

(CONTINUED)

TABLE 25. YIELD AS % OF TEST AVERAGE FROM 2001 LOCATIONS. (CONTINUED)

		STANDARD TRIALS												ROUNDUP-RESISTANT TRIALS											
BRAND	NAME	BRO	SHA	FRA	CHE	RPD	RCI	HAR	ELL	SUM	THO	FIN	AVGST	BRR	SHR	FRR	CHR	RCR	HRR	STR	THR	GRR	FIR	AVGRR	SCN
PUBLIC	FLYER	---	---	---	---	---	---	---	---	89	---	---	89	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	HUTCHESON	---	---	---	114	---	---	---	---	---	---	---	114	---	---	---	---	---	---	---	---	---	---	---	112
PUBLIC	IA2021	74	83	27	49	95	71	53	49	60	85	92	67.1	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	IA3010	60	105	93	83	76	94	82	52	108	89	118	87.3	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1370	41	91	95	75	105	85	102	108	75	76	88	85.5	---	---	---	---	---	---	---	---	---	---	---	81
PUBLIC	K1401	---	---	---	64	---	---	---	---	---	---	---	64	---	---	---	---	---	---	---	---	---	---	---	106
PUBLIC	K1410	88	102	114	115	93	121	121	127	94	105	126	110	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1424	---	---	---	100	---	---	---	---	---	---	---	100	---	---	---	---	---	---	---	---	---	---	---	102
PUBLIC	K1425	---	---	---	122	---	---	---	---	---	---	---	122	---	---	---	---	---	---	---	---	---	---	---	133
PUBLIC	K1459	95	96	103	124	107	103	121	97	148	104	99	109	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1463	---	---	---	108	---	---	---	---	---	---	---	108	---	---	---	---	---	---	---	---	---	---	---	134
PUBLIC	K1479	121	106	101	101	---	114	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	---	---	51
PUBLIC	K1493	96	103	101	105	---	105	---	---	---	---	---	102	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1497	127	100	99	113	---	107	---	---	---	---	---	109	---	---	---	---	---	---	---	---	---	---	---	---
PUBLIC	K1537RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	100	109	---	95	---	116	92	---	---	103	---
PUBLIC	K1538RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	93	102	---	94	---	85	102	---	---	95	---
PUBLIC	K1539RR *	---	---	---	---	---	---	---	---	---	---	---	---	128	106	111	---	93	---	94	101	---	---	106	---
PUBLIC	K1540RR *	---	---	---	---	---	---	---	---	---	---	---	---	90	91	106	---	99	---	89	101	---	---	96	---
PUBLIC	K1541RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	104	121	---	97	---	107	94	---	---	105	---
PUBLIC	K1542RR *	---	---	---	---	---	---	---	---	---	---	---	---	75	86	92	---	96	---	91	95	---	---	89	---
PUBLIC	K1543RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	99	---	---	---	---	---	---	99	---
PUBLIC	K1544RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	109	---	---	---	---	---	---	109	---
PUBLIC	K1545RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	86	---	---	---	---	---	---	86	---
PUBLIC	K1546RR *	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	85	---	---	---	---	---	---	85	---
PUBLIC	KS5292	---	---	---	88	---	---	---	---	---	---	---	88	---	---	---	---	---	---	---	---	---	---	---	105
PUBLIC	MANOKIN	---	---	---	121	---	---	---	---	---	---	---	121	---	---	---	---	---	---	---	---	---	---	---	129
PUBLIC	WILLIAMS 82	60	82	89	93	106	93	88	95	82	91	86	87.7	---	---	---	---	---	---	---	---	---	---	---	---

* BRO = BROWN COUNTY, SHA = SHAWNEE COUNTY, FRA = FRANKLIN COUNTY, CHE = CHEROKEE COUNTY,
RPD = REPUBLIC COUNTY, BELVILLE TEST, RCI = REPUBLIC COUNTY,SCANDIA TEST,
HAR = HARVEY COUNTY, ELL = ELLIS COUNTY, SUM = SUMNER 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, SHR = SHAWNEE COUNTY ROUNDUP-RESISTANT, FRR = FRANKLIN COUNTY ROUNDUP-RESISTANT,
CHR = CHEROKEE COUNTY ROUNDUP-RESISTANT,RCR = REPUBLIC COUNTY ROUNDUP-RESISTANT, HRR = HARVEY COUNTY ROUNDUP-RESISTANT,
STR = STAFFORD 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 26. DESCRIPTION OF ENTRIES IN 2001 SOYBEAN PERFORMANCE TEST. +

					SCN					PHYTO		RR	STS	SHAT
BRAND	NAME	MG	FC	HI	R1	R3	R4	R14	SOURCE	RR	TOL			
ADV. GENETICS	AG2942RR*	2.9				R		R		RPS1c	1.5	Y	N	1
ADV. GENETICS	AG3232RR *	3.2		IB		R		R		RPS1c	1.7	Y	N	1
ADV. GENETICS	AG3741RR*	3.7		BL						RPS1k	1.9	Y	N	1
ADV. GENETICS	AG3797RR*	3.7		BL						RPS1k	1.8	Y	N	1
ADV. GENETICS	AG3992RR*	3.8		BL							2.2	Y	N	1
ADV. GENETICS	AG3827RR/STS*	3.8		BL						RPS1k	1.8	Y	Y	1
ADV. GENETICS	AG3950STS	3.9		BL							1.4	N	Y	1
ADV. GENETICS	AG3957RR*	3.9	W	BL							3.0	Y	N	1
ADV. GENETICS	AG4188STS	4.1	P	BL						RPS1c	3.2	N	Y	1
ADV. GENETICS	AG4442RR*	4.4	P	BL		R		R		RPS1k	1.9	Y	N	1
ADV. GENETICS	AG5012NRR*	5.0	W	BF		R					3.4	Y	N	1
ADV. GENETICS	AG5424NRR*	5.4	W	BR		R		R			3.0	Y	N	1
ADV. GENETICS	AGX3111RR*	3.1		BR						RPS1k	1.5	Y	N	2
ADV. GENETICS	AGX3610*	3.6		BR						RPS1k	2.4	Y	N	2
ADV. GENETICS	AGX3832RR*	3.8		BL		R		R			1.9	Y	N	1
AGRIPRO	3510RR*	3.5	P	IB	S	S	S	S		RPS1c	8.0	Y	N	1
AGRIPRO	3881RR/STS*	3.8	P	BL	S	S	S	S		RPS1k	7.0	Y	N	1
AGRIPRO/GARST	2912RR/N*	2.9	P	BL	S	R	S	MR	PI88788		6.0	Y	N	1
AGRIPRO/GARST	2933RR*	2.9	W	BR	S	S	S	S			7.0	Y	N	1
AGRIPRO/GARST	3083RR*	3.0	M	BL	S	S	S	S		RPS1k	8.0	Y	N	1
AGRIPRO/GARST	4512RR/N*	4.5	P	BL	S	R	S	MR	PI88788	RPS1a	6.0	Y	N	1
AGRIPRO/GARST	5512RR/N*	5.4	W	BR	S	R	S	MR	PI88788	RPS1k	7.0	Y	N	1
ASGROW	AG2703	2.7	P	IB	S	S	S	S		RPS1k	8.0	Y	N	1
ASGROW	AG3201*	3.2	P	IB	S	MR	S	S		RPS1k	4.0	Y	N	2
ASGROW	AG3302 *	3.3	P	IB	S	S	S	S		RPS1c	5.0	Y	Y	1
ASGROW	AG3503*	3.5	P	IB	S	MR	S	S		S	4.0	Y	N	1
ASGROW	AG3702 *	3.7	P	IB	S	S	S	S		RPS1c	7.0	Y	N	1
ASGROW	AG3902*	3.9	P	IB	S	R	S	S		S	4.0	Y	Y	1
ASGROW	AG3903*	3.9	W	BL	S	R	S	S		RPS1c	4.0	Y	N	1
ASGROW	AG4403*	4.4	P	BL	S	R	S	S		RPS1a	6.0	Y	N	1
ASGROW	AG4702*	4.7	W	BL	S	R	S	R		S	3.0	Y	N	2
ASGROW	AG4902*	4.9	W	BL	S	R	S	MR		RPS1k	3.0	Y	N	1
ASGROW	AG5001*	5.0	P	BR	S	S	S	S		S	3.0	Y	N	1
ASGROW	AG5501*	5.5	P	IB	S	R	S	S		S	3.0	Y	N	1
CROPLAN GENETICS	RC3335	3.3												1
CROPLAN GENETICS	RC3866	3.8												1
CROPLAN GENETICS	RC3939*	3.9	W	BF	S	R	S	MR	PI88788	RPS1c	3.0	Y	Y	1
CROPLAN GENETICS	RC4444*	4.4	P	BL	S	MR	S	MR		RPS1a	4.0	Y	Y	1
CROPLAN GENETICS	RC4848*	4.8	P	BL	S	R	S	MR		RPS1a	4.0	Y	Y	1
CROPLAN GENETICS	RC5252	5.2	P	BF	S	MR	S	MR			3.0	Y	Y	1
CROW'S	C3315R*	3.3	P	BL	S	R	S	R	PI88788	RPS1k	2.4	Y	N	1
CROW'S	C3715R*	3.7	P	IB	S	R	S	R	PI88788	RPS1c	2.0	Y	N	1
CROW'S	C3915R*	3.9	M	BL	S	R	S	R	PI88788	S	2.0	Y	N	1
DEKALB	DKB28-51*	2.8	P	BL	S	S	S	S		S	7.0	Y	N	2
DEKALB	DKB31-51*	3.1	P	IB	S	S	S	S		RPS1k	5.0	Y	N	1
DEKALB	DKB32-52*	3.2	P	BL	S	MR	S	S		RPS1k	3.0	Y	N	2
DEKALB	DKB35-51*	3.5	P	BL	S	S	S	S		RPS1k	7.0	Y	N	2
DEKALB	DKB36-51*	3.6	P	IB	S	R	S	S		RPS1c	4.0	Y	N	1
DEKALB	DKB38-51*	3.8	P	BL/BR	S	S	S	S		RPS1a	4.0	Y	N	1
DEKALB	DKB38-52*	3.8	W	IB	S	R	S	MR		RPS1c	4.0	Y	N	1
DEKALB	DKB40-51*	4.0	P	IB	S	R	S	S		S	5.0	Y	N	2
DEKALB	DKB44-51*	4.4	P	BL	S	MR	S	S		RPS1a	6.0	Y	N	1
DEKALB	DKB45-51*	4.5	W	BL	S	R	S	S		S	4.0	Y	Y	2
DELTAPINE	DP 4344RR *	4.3	W	BL	S	S	S	S			5.0	Y	N	1
DELTAPINE	DP 4690RR *	4.6	P	BL	S	S	S	S			5.0	Y	N	1
DELTAPINE	DP 4748S	4.7	W	BL	S	S	S	S			5.0			2
DELTAPINE	DPLX4300RR*	4.3	P	BL							5.0	Y	N	1
DELTAPINE	DPLX4885RR*	4.8	P	BL	S	S	S	S			4.0	Y	N	1
DYNA-GRO	DG-3323RR*	3.2	P	BR						RPS1k	1.5	Y	N	1
DYNA-GRO	DG-3362NRR*	3.6	P	BL	S	R	S	MR		RPS1k	3.0	Y	N	1
DYNA-GRO	DG-3370RR*	3.7	P	BL						RPS1a		Y	N	1
DYNA-GRO	DG-3373NRR*	3.7	P	IB		R		MR		RPS1c		Y	N	1
DYNA-GRO	DG-3388RR *	3.8	P	BL	S	S	S	S		RPS1k	2.0	Y	N	1
DYNA-GRO	DG-3390NRR*	3.9	W	BF		R		MR		RPS1c	2.0	Y	N	1
DYNA-GRO	DG-3395	3.9	W	BL	S	S	S	S		RPS1c	1.7	N	N	1
DYNA-GRO	DG-3399RR*	3.9	P	BL						RPS1a		Y	N	1
DYNA-GRO	DG-3401NRR *	4.0	W	BL	S	R	S	MR	PI88788		1.2	Y	N	1
DYNA-GRO	DG-3443NRR*	4.4	P	BL		MR		MR		RPS1a	2.5	Y	N	1
DYNA-GRO	DG-3468NRR*	4.6	W	BL		R		MR				Y	N	1
DYNA-GRO	DG-3484NRR*	4.8	W	BL		R		MR				Y	N	2
DYNA-GRO	DG-3521NRR*	5.2	P	BF		MR		MR		RPS1k		Y	N	1
GARST	D355RR*	3.5	P	IB	S	S	S	S		RPS1c	8.0	Y	N	1
GARST	D381RR/STS*	3.8	P	BL	S	S	S	S		RPS1k	7.0	Y	Y	1
GARST	D385	3.8	P	BL	S	S	S	S		RPS1c	9.0	N	N	1
GARST	D398	3.9	W	BL	S	S	S	S			6.0	N	N	1
GARST	D437RR/N*	4.3	M	BL	S	MR	S	MR	PI88788	RPS1k	8.0	Y	N	1
GARST	D445/N	4.4	P	IB	S	R	S	MR	PI88788		8.0	N	N	1
GARST	D484RR/N *	4.8	W	BL	S	R	S	MR	PI88788		7.0	Y	N	1
HAMON	427N	4.2	P	BL	S	R	S	R	PEKING		1.5	N	N	1

(CONTINUED)

TABLE 26. DESCRIPTION OF ENTRIES IN 2001 SOYBEAN PERFORMANCE TEST. + (CONTINUED)

					SCN					PHYTO		RR	STS	SHAT
BRAND	NAME	MG	FC	HI	R1	R3	R4	R14	SOURCE	RR	TOL			
HOEGEMEYER	329STS	3.2	P	BL	S	S	S	S			1.7	N	Y	1
HOEGEMEYER	340RR*	3.4	W	BL	S	S	S	S		RPS1k	1.2	Y	N	1
HOEGEMEYER	351RR*	3.5	W	BL	S	S	S	S		RPS1k	1.5	Y	N	1
HOEGEMEYER	390STS	3.9	W	BL	S	S	S	S		RPS1c	1.5	N	Y	1
HOEGEMEYER	391NRR*	3.9	P	BL	S	S	S	S			1.7	Y	N	1
HOEGEMEYER	402ASTS	4.0	P	BR	S	S	S	S			2.0	N	Y	1
HOEGEMEYER	410NRR*	4.1	P	BL	S	S	S	R			2.0	Y	N	1
HOEGEMEYER	413NRR*	4.1	W	BL	S	S	S	S			1.6	Y	N	1
HOEGEMEYER	429RR*	4.2	W	BL	S	S	S	S			1.7	Y	N	1
HOEGEMEYER	452STS	4.4	W	BL	S	S	S	S			2.0	N	Y	1
KSOY	KS4694	4.6	W	BF	S	S	S	S		S		N	N	1
KSOY	KS4895	4.8	P	BL	S	S	S	S		S		N	N	1
KSOY	KS4997	4.9	W	BL	S	S	S	S		S		N	N	1
KSOY	MACON	3.8	W	BL	S	S	S	S		S		N	N	1
KSOY	STRESSLAND	4.2	P	BL	S	S	S	S		S		N	N	1
LEWIS	3814RR*	3.8	P	IB	S	MR	S	S	PI88788		3.0	Y	N	1
LEWIS	3999RR*	3.9	P	BL	S	S	S	S		RPS1a	4.0	Y	N	1
LEWIS	4119RR*	4.1	P	IB	S	R	MR	MR	PI88788		3.0	Y	N	1
M-PRIDE	MPV381NRR*	3.8	P	IB	S	R	S	R		RPS1k		Y	N	1
M-PRIDE	MPV430NSTS*	4.3	W	BL	S	R	S	R				N	Y	1
M-PRIDE	MPV437NRR*	4.3	W	BL	S	R	S	R			1.9	Y	N	1
M-PRIDE	MPV440STS	4.4	W	BL	S	S	S	S				N	Y	1
M-PRIDE	MPV457NRR*	4.5	W	BL	S	R	S	R		RPS1k	1.9	Y	N	1
M-PRIDE	MPV472NRR*	4.7	P	BL	S	R	S	R			2.0	Y	N	1
M-PRIDE	MPV492NRR*	4.9	P	BL	S	R	S	R			2.0	Y	N	1
M-PRIDE	MPV532NRR*	5.3	W	BL	S	R	S	R			2.0	Y	N	1
M-PRIDE	MPV552NRR*	5.5	W	BL	S	R	S	R			2.0	Y	N	1
MFA MORSOY	3709N	3.7	P	IB	S	R	S	MR	PI88788	RPS1c	3.0	N	N	1
MFA MORSOY	4426SCN	4.4	W	BL	S	R	S	MR	PI88788		5.0	N	N	1
MFA MORSOY	RT 4020N*	4.0	P	BL	S	MR	S	MR	PI88788		5.0	Y	N	1
MFA MORSOY	RT 4331N*	4.3	P	BL	S	R	S	MR	PI88788		2.0	Y	Y	1
MFA MORSOY	RT 4478SCN*	4.4	W	BL	S	R	S	R	PI88788		5.0	Y	N	2
MFA MORSOY	RT 4480N*	4.4	P	BL	S	MR	S	MR	PI88788	RPS1a	2.0	Y	N	1
MFA MORSOY	RT 4499N*	4.4	P	BL	S	R	S	MR	PI88788	RPS1k	1.0	Y	N	1
MFA MORSOY	RT 4809*	4.8	W	BL	S	S	S	S		RPS1a	2.0	Y	N	1
MFA MORSOY	RT 5110N*	5.1	P	BF	S	MR	S	MR	PI88788		4.0	Y	N	1
MFA MORSOY	RT 5440N*	5.4	W	BR	S	MR	S	MR	PI88788		4.0	Y	N	1
MIDLAND	8382RR*	3.8	P	BL	S	S	S	S		RPS1k	1.8	Y	N	1
MIDLAND	9A292NRR*	2.9	W	BF	S	R	MR	MR		RPS1c		Y	N	1
MIDLAND	9A312RR*	3.1	W	BR	S	S	S	S		RPS1k	1.5	Y	N	2
MIDLAND	9A332NRR*	3.3	W	BL	S	R	S	S			2.0	Y	N	1
MIDLAND	9A350	3.5	P	IB	S	S	S	S				N	N	1
MIDLAND	9A351NRR*	3.5	P	IB	S	R	S	R		RPS1c	1.9	Y	N	1
MIDLAND	9A362NRS*	3.6	P	BL	S	MR	S	MR			2.1	Y	Y	1
MIDLAND	9A382NRR*	3.8	P	IB	S	MR	S	S			2.0	Y	N	1
MIDLAND	9A392NRR*	3.9	P	BL	S	R	S	MR			2.1	Y	N	1
MIDLAND	9A411NRR*	4.1	W	BL	S	MR	S	S			2.9	Y	N	1
MIDLAND	9A432NRS*	4.3	P	IB	S	R	S	MR			2.0	Y	N	1
MIDLAND	9A442NRR*	4.4	P	BL	S	MR	S	MR		RPS1a		Y	N	1
MIDLAND	9A462NRS*	4.6	P	BL	S	R	S	MR			2.0	Y	N	2
MIDLAND	9A532NRR*	5.3	W	BF	S	R	S	MR			1.9	Y	N	1
MIDLAND	9A541NRR*	5.4	P	BF	S	R	S	MR		RPS1c	1.9	Y	N	1
MIDLAND	9B340RR*	3.4	W	BL	S	S	S	S		RPS1k		Y	N	1
MIDLAND	9B351	3.5	P	BR	S	S	S	S				N	N	1
MIDLAND	9B370N	3.7	P	IB	S	S	S	S		RPS1k	2.0	N	N	1
MIDLAND	9B371RR*	3.7	P	IB	S	S	S	S		RPS1k	2.1	Y	N	1
MIDLAND	9B391STS	3.9	P	BL	S	S	S	S			1.5	N	Y	1
MIDLAND	9B480RR*	4.8	P	BL	S	S	S	S			2.1	Y	N	1
MIDLAND	9G351STS	3.5	P	BL	S	S	S	S		RPS1k	1.0	N	Y	1
MIDLAND	9G380RR/STS*	3.8	P	BL	S	S	S	S		RPS1k	2.0	Y	Y	1
MIDLAND	9G480NRR*	4.8	P	BL	S	S	S	S			1.9	Y	N	2
MIDLAND	XP 39	3.9										N	N	1
MIDLAND	XP 40RR*	4.0										Y	N	1
MIDLAND	XP 41	4.1												1
MIDLAND	XP 42	4.2												1
MIDWEST SEED	GR3101*	3.1	M	BR	S	S	S	S		RPS1k	2.0	Y	N	1
MIDWEST SEED	GR3331*	3.3	P	BL	S	R	S	R	PI88788	RPS1k	2.4	Y	N	1
MIDWEST SEED	GR3506*	3.5	P	IB	S	R	S	R	PI88788	RPS1c	2.0	Y	N	1
MIDWEST SEED	GR3731*	3.7	P	IB	S	R	S	R	PI88788	RPS1c	2.0	Y	N	1
MIDWEST SEED	GR3931*	3.9	M	BL	S	R	S	R	PI88788	S	2.0	Y	N	1
MIDWEST SEED	GR4452*	4.4	P	BL	S	R	S	R	PI88788	RPS1a	2.6	Y	N	1
MIDWEST SEED	GR4744*	4.7	W	BL	S	R	S	R	PI88788	S	2.6	Y	Y	1
MIDWEST SEED	GR4838*	4.8	W	BL	S	R	S	R	PI88788	S	1.8	Y	N	1
MIDWEST SEED	GR5138*	5.1	P	BF	S	R	S	R	PI88788	S	2.0	Y	N	1
MIDWEST SEED	GR5434*	5.4	W	BR	S	R	S	R	PI88788	S	2.0	Y	N	1
MSIA	ANAND	5.3	P	BL	S	R	S	R	PI88788			N	N	1
MSIA	DELSOY 5500	5.5	W	BR	S	R	S	R	HARTWIG			N	N	1
NC+	3A41RR*	3.4	W	BL	S	S	S	S		RPS1a/1k	3.0	Y	N	2
NC+	3A61RR*	3.6	P	BL	S	R	S	R		RPS1k	3.0	Y	N	1

(CONTINUED)

TABLE 26. DESCRIPTION OF ENTRIES IN 2001 SOYBEAN PERFORMANCE TEST. + (CONTINUED)

					SCN					PHYTO		RR	STS	SHAT
BRAND	NAME	MG	FC	HI	R1	R3	R4	R14	SOURCE	RR	TOL			
NC+	3A72RR*	3.7	P	BL	S	S	S	S		RPS1a	3.0	Y	N	1
NC+	3A83RRSTS*	3.8	P	BL	S	R	R	R		RPS1k	4.0	Y	Y	1
NC+	3A99RR *	3.9	W	BR	S	S	S	S		RPS1k	2.5	Y	N	1
NC+	4A29RR *	4.2	W	BL	S	S	S	S		RPS1c	2.0	Y	N	1
NC+	4N51RR*	4.5	P	BL	S	R	S	R		RPS1a	4.0	Y	N	1
NC+	4N79RR *	4.7	W	BL	S	R	R	R			5.0	Y	N	1
NC+	5A45RR*	5.4	P	IB	S	R	R	R			3.0	Y	N	1
NK	S29-C9*	2.0	W	BR	S	S	S	S			4.0	Y	N	1
NK	S30-P6*	3.0	W	BR	S	S	S	S		RPS1k	4.0	Y	N	2
NK	S32-M2*	3.0	W	BL	S	S	S	S		RPS1k	4.0	Y	N	1
NK	S39-Q4*	3.0	P	BR	S	S	S	S		RPS1c	5.0	Y	N	1
NK	S46-W8*	4.0	P	BL	S	S	S	S		RPS1c	4.0	Y	N	1
NK	S52-U3*	5.0	W	BF	R	S	R	S		S	3.0	Y	N	1
NK	S57-A4*	5.0	P	BL	S	R	S	R		S	7.0	Y	N	1
NK	S58-R3*	5.0	P	BL	R	R	R	R		S	3.0	Y	N	1
NK	S59-V6*	5.0												1
PIONEER	93B01*	3.0	P	BL	S	S	S	S		RPS1k	5.0	Y	N	1
PIONEER	93B35*	3.4	P	BL	S	S	S	S		RPS1k	6.0	Y	N	1
PIONEER	93B41	3.4	P	BL	S	S	S	S		RPS1k	5.0	N	N	1
PIONEER	93B53 *	3.5	P	BL	S	S	S	S		RPS1k	4.0	Y	N	1
PIONEER	93B72*	3.7	P	BR	S	S	S	S		RPS1k	4.0	Y	N	1
PIONEER	93B82	3.8	P	BL	S	S	S	S		RPS1k	4.0	N	N	1
PIONEER	93B85 *	3.8	P	BL	S	R	S	R			4.0	Y	N	1
PIONEER	9492 *	4.9	W	BL	S	R	S	R	PEKING & PI88788		4.0	Y	N	1
PIONEER	94B01 *	4.0	W	BL	S	R	S	R	PEKING & PI88788		5.0	Y	N	1
PIONEER	94B23*	4.2	P	BL	S	R	S	S			5.0	Y	N	1
PIONEER	94B73*	4.7	P	BL	S	S	S	S		RPS1k	6.0	Y	N	1
PIONEER	95B32*	5.3	W	BF	S	R	S	R	PEKING & PI88788		4.0	Y	N	1
PIONEER	95B33	5.3	P	IB	S	R	S	R	PEKING & PI88788		3.0	N	N	1
PIONEER	95B53*	5.5	W	BL	S	R	S	R	PEKING & PI88788		3.0	Y	N	1
PRAIRIE BRAND	PB-3550RR*	3.5	P	BR	S	S	S	S		RPS1c	4.0	Y	N	1
PRAIRIE BRAND	PB-3621RR*	3.6	P	BL	S	S	S	S		RPS1k	4.0	Y	N	1
PRAIRIE BRAND	PB-3712NRR*	3.7	P	IB	S	R	MR	S	PI88788	RPS1c	4.0	Y	N	1
PRAIRIE BRAND	PB-3961NRR*	3.9	P	BL	S	R	MR	S	PI88788		3.0	Y	N	1
PUBLIC	FLYER	3.9	P	BL	S	S		S		RPS1k		N	N	1
PUBLIC	HUTCHESON	5.2	W	BF	S	S		S		S		N	N	1
PUBLIC	IA2021	2.0			S	S	S	S				N	N	1
PUBLIC	IA3010	3.0			S	S	S	S				N	N	1
PUBLIC	K1370	3.9				R						N	N	1
PUBLIC	K1401	4.7										N	N	1
PUBLIC	K1410	4.2			S	S	S	S				N	N	1
PUBLIC	K1424	5.7				R						N	N	1
PUBLIC	K1425	5.4			R	R	R	R	PI437654			N	N	1
PUBLIC	K1459	4.3				S						N	N	1
PUBLIC	K1463	5.3				R		R	PI437654			N	N	1
PUBLIC	K1479	4.1				R			PI436654			N	N	2
PUBLIC	K1493	4.1				S						N	N	1
PUBLIC	K1497	4.2				S						Y	N	1
PUBLIC	K1537RR*	4.3			S	S	S	S				Y	N	1
PUBLIC	K1538RR*	4.0			S	S	S	S				Y	N	1
PUBLIC	K1539RR*	4.6			S	S	S	S				Y	N	2
PUBLIC	K1540RR*	4.4			S	S	S	S				Y	N	1
PUBLIC	K1541RR*	4.0			S	S	S	S				Y	N	1
PUBLIC	K1542RR*	4.0			S	S	S	S				Y	N	1
PUBLIC	K1543RR*	5.3			S	S	S	S				Y	N	1
PUBLIC	K1544RR*	5.3			S	S	S	S				Y	N	1
PUBLIC	K1545RR*	5.3			S	S	S	S				Y	N	1
PUBLIC	K1546RR*	5.3			S	S	S	S				Y	N	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	3232-4*	3.2	W	BL	S	R	R	R	PI88788	RPS1k		Y	N	2
STINE	3632-4*	3.4	P	BL	S	R	R	R	PI88788	RPS1a, 1k		Y	N	1
STINE	3763-4*	3.7	P	BR	S	S	S	S		RPS1k		Y	N	1
STINE	3800-4*	3.9	P	BL	S	S	S	S		RPS1a		Y	N	1
STINE	3808-4*	3.9	P	BL	S	S	S	S				Y	Y	1
STINE	3870-0	3.9	W	BL	S	S	S	S		RPS1a		N	N	1
STINE	4001-4 *	4.0	P	BR	S	S	S	S		RPS1a		Y	N	1
STINE	4202-4*	4.3	P	BL	S	R	R	R	PI88788			Y	Y	1
STINE	4402-4*	4.7	P	BL	S	R	R	R	PI88788			Y	Y	1
STINE	4482-4*	4.4	P	BL	S	R	R	R	PI88788			Y	N	1
STINE	4700-4*	4.7	W	BR	S	S	S	S		RPS1a		Y	N	1
STINE	4702-2	4.5	W	BL	S	R	R	R	PI88788	RPS1a		N	N	2
TAYLOR	311RR*	3.1			S	S	S	S		RPS1k	2.5	Y	N	1
TAYLOR	388RR*	3.9			S	S	S	S		RPS1a	2.0	Y	N	1
TAYLOR	EXP33T-01RR*	3.3			S	R	S	MR		RPS1k	3.0	Y	N	2
TAYLOR	357RR*	3.5			S	R	S	MR		RPS1k	2.5	Y	N	1
TAYLOR	EXP360RR*	3.6			S	R	S	MR		S	2.0	Y	Y	1
TAYLOR	380RR*	3.8			S	R	S	MR		RPS1k	3.0	Y	N	1

(CONTINUED)

TABLE 26. DESCRIPTION OF ENTRIES IN 2001 SOYBEAN PERFORMANCE TEST. + (CONTINUED)

					SCN					PHYTO		RR	STS	SHAT
BRAND	NAME	MG	FC	HI	R1	R3	R4	R14	SOURCE	RR	TOL			
TAYLOR	427RRS*	4.2			S	R	S	MR		S	2.5	Y	Y	1
TAYLOR	440RR*	4.4			S	R	S	MR		RPS1a	3.0	Y	N	1
TAYLOR	430RR*	4.4			S	S	S	S		S	3.5	Y	N	1
TAYLOR	EXPTC-33	3.3			S	S	S	S		S	3.0	N	N	1
TAYLOR	EXPTC-37	3.7			S	S	S	S		RPS1a	2.0	N	N	1
TRIUMPH	TR3750RR*	3.7	P	BR	S	S	S	S		RPS1k	2.0	Y	N	1
TRIUMPH	TR3939RR *	3.9	P	BL	S	R	MR	S			3.0	Y	N	1
TRIUMPH	TR4462RR *	4.4	P	BL	S	MR	S	MR		RPS1a	3.0	Y	N	1
TRIUMPH	TR4810RR*	4.8	W	BL	S	R	S	MR			3.0	Y	N	2
TRIUMPH	TR5409RR *	5.4	P	BF	S	MR	MR	R			3.0	Y	N	1
TRIUMPH	TR5511RR *	5.5	P	IB	S	R	S	MR		RPS1c	3.0	Y	N	1
U.S. SEEDS	US E352	3.5	P	BL	S	S	S	S		RPS1a	3.0	N	N	1
U.S. SEEDS	US E3802RR/STS*	3.8	P	BL	S	MR	S	MR	PI88788		3.0	Y	Y	1
U.S. SEEDS	US E4002RR*	4.0	P	IB	S	MR	S	S	PI88788		2.3	Y	N	1
U.S. SEEDS	US E4402RR*	4.4	P	BL	S	MR	S	MR	PI88788	RPS1a	4.0	Y	N	1
U.S. SEEDS	US E5402RR*	5.4	W	BR	S	R	S	MR	PI88788		3.0	Y	N	1
U.S. SEEDS	US S3701RR*	3.7	W	IB	S	R	S	MR	PI88788	RPS1c	3.0	Y	N	1
U.S. SEEDS	US S371	3.7	P	IB	S	R	S	MR	PI88788	RPS1c	2.5	N	N	1
U.S. SEEDS	US S421	4.2	W	BL	S	R	S	MR	PI88788		3.0	N	N	1
U.S. SEEDS	US S471	4.7	M	BL	S	MR	S	MR	PI88788		3.0	N	N	2
U.S. SEEDS	US S4809RR *	4.8	W	BL	S	R	S	MR	PI88788		3.0	Y	N	2
WILLCROSS	RR2331N *	2.9	P	BL						RPS1a	1.9	Y	N	1
WILLCROSS	RR2350 *	3.5	W	BL						RPS1c	1.7	Y	N	2
WILLCROSS	RR2351*	3.5	P	BR						RPS1c		Y	N	1
WILLCROSS	RR2361N *	3.6	P	IB								Y	N	1
WILLCROSS	RR2362N *	3.6	P	BL								Y	N	1
WILLCROSS	RR236B2 *	3.6	P	BR								Y	N	1
WILLCROSS	RR2370 *	3.7	P	BL						RPS1a		Y	N	1
WILLCROSS	RR2371N *	3.7	P	IB		R		R		RPS1c		Y	N	1
WILLCROSS	RR2392N *	3.9	W	BF		R		R				Y	N	1
WILLCROSS	RR2399N *	3.9	P	BL		R		R			2.0	Y	N	1
WILLCROSS	RR2422N*	4.2	P	BL								Y	N	1
WILLCROSS	RR2439N *	4.3	P	BL								Y	N	1
WILLCROSS	RR243B9N *	4.3	W	BL								Y	N	1
WILLCROSS	RR2442N *	4.4	P	BL								Y	N	1
WILLCROSS	RR2451NSTS *	4.5	W	BL								Y	N	2
WILLCROSS	RR2469N *	4.6	W	BL		R	R					Y	N	1
WILLCROSS	RR2481N *	4.8	W	BL								Y	N	1
WILLCROSS	RR2482NSTS *	4.8	P	BL								Y	N	2
WILLCROSS	RR2490N *	4.9	P	BL		R		R			1.9	Y	N	1
WILLCROSS	RR2517N *	5.1	P	BF		MR	R	R			2.0	Y	N	1
WILLCROSS	RR2542N *	5.4	W	BF								Y	N	1
WILLCROSS	RR2549N *	5.4	P	BF		R		R		RPS1c	1.9	Y	N	1

+ 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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SRP 886 December 2001