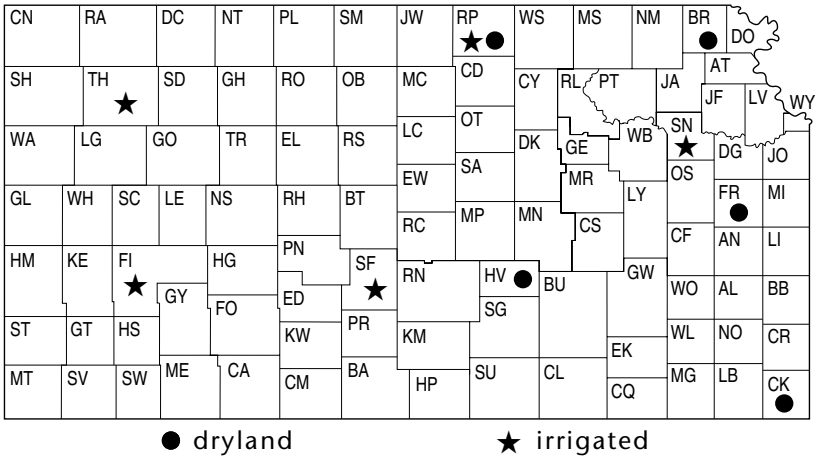
1995

KANSAS PERFORMANCE TESTS WITH

SOYBEAN VARIETIES



Report of Progress 752

Agricultural Experiment Station * Kansas State University, Manhattan * Marc A. Johnson, Director

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1995 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.

Entries were planted in four-row plots with rows 30 inches apart and replicated three or four times each. Seeding rate ranged from seven to 12 seeds per foot of row. The center two rows of each plot were harvested for yield estimates at all locations, except Finney County where all four rows were harvested. Harvested row lengths ranged from 15 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, compared with those from previous years, are presented in Tables 3 through 13. Relative yields of each entry from all locations are shown in Table 14.

Entries were grouped according to their time of maturity into two or three tests in order to facilitate harvest and to improve the precision of yield measurements. Maturity information used to separate entries was provided by the entrant.

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). Again this year, interested companies submitted entries in this test on a voluntary, fee-entry basis. A summary of results for the past 4 years is included in Table 13 (Cherokee County). Entries resistant and susceptible to SCN are evaluated in these trials.

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. Maturity is expressed as days earlier (-) or later (+) than the average date of the reference variety. 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 plant leaning moderately (45%) or 25 to 50% of plants down
4 - All plants leaning considerably or 50 to 80% plants down
5 - Almost all plants down

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

VARIETY OR BRAND SELECTION

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

Small differences in yield between any two varieties or brands usually are not important. Within maturity groups at each location, an LSD (least significant difference) was calculated. The significance level used to calculate the LSD in 1994 and 1995 was 10%. This is a less conservative value compared to the significance level of 5% used in previous years. 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.

At the sites where entries were grouped by maturity, an additional LSD value is listed at the bottom of the table. This LSD value may be used to compare the yield of entries in different maturity groups. For example, the yield of an entry in the group III test at Brown County may be compared with the yield of an entry in the group IV test at the same location to determine if they are statistically different.

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.

1995 ENVIRONMENTAL FACTORS

Brown County: Heavy rains shortly after planting resulted in erratic stands. The poorest stands occurred in the first of three replications. Data from the first replication was deleted from the analyses and not included in this report. A freeze on September 21 killed most of the upper leaves of the later maturing entries. The frost did not appear to drastically influence the relative maturity of the entries. However, the frost, coupled with the hot and dry conditions during seed fill, did result in seed yields about half of those in 1994. Because of the poor stands, freeze damage and drought stress, data from this location in 1995 should be used as a guide to variety performance with caution.

Shawnee County: Early season rainfall delayed planting until the end of May. Growing conditions were fairly favorable at this site

until the killing frost on September 21. At the time of the frost, most of the maturity group III entries were approaching maturity.

Franklin County: Planting was delayed by early season rainfall. Growing conditions through early pod fill were generally favorable. Although inadequate late-season moisture resulted in reduced yields, top-yielding entries ranged from 35 to 39 bu/A.

Cherokee County (Columbus): Spring rains delayed planting about 10 days beyond the usual planting date. Growth and development were good early in the season; however, the dry and windy conditions during pod fill reduced yields 60% below 1994 seed yields. Entries of all maturities were affected adversely by the growing conditions, but yields generally were correlated positively with maturity.

Republic County: Planting was delayed until mid-June at both the Belleville and Scandia locations because of the wet May. Dry conditions prevailed during seed fill, but yields at the dryland test were the highest achieved at any of the test sites this season. When the temperature dropped to 28 degrees F at both locations on September 22, the leaves were beginning to fall off the maturity group II entries and the maturity group III plants were beginning to turn yellow. Maturities of the entries were unable to be determined following the frost.

Harvey County: Heavy rainfall occurred during an extended period in the spring prior to soybean planting and during the first half of August. Dry conditions prevailed from late June through mid-July and from mid-August through mid-September. The early frost hastened senescence of the later maturing entries, but the drought stress had already caused most of the entries to begin maturing.

Stafford County: This site experienced conditions similar to those at the other locations, a wet spring and dry summer, but yield levels and test precision were similar to those in 1994. Weed control in the sandy soil was excellent.

Thomas County: This irrigated site generally produces some of the highest yields in the performance tests. Conditions in this season were not favorable for high yields. Wet conditions delayed planting about 1 month beyond the optimum date. Growth and development following planting were slow, with plants reaching heights much less than normally achieved at this irrigated site. On September 22, the temperature reached 27 degrees F, and 5 inches of snow fell. With the late planting, no entries were mature on September 22, and maturities could not be taken following the freeze. The snow, coupled with 70 mph winds on October 5, caused lodging.

Finney County: Planting was delayed 3 weeks beyond the normal date because of the heavy May rains. Seed yields at this site also were reduced by the September 22 freeze, which terminated growth and prevented maturities from being taken.

Cherokee County (Pittsburg): The soybean cyst nematode (SCN) populations continued to be high at this site. Heavy rains following planting reduced stands and resulted in lower and more erratic plant populations than desired. Rainfall amounts reported at this site in Table 1 were collected from the Columbus location. Although all entries experienced severe drought stress throughout August and September, the SCN-resistant entries yielded 8 to 10 bushels per acre higher than the SCN-susceptible entries.

TABLE 1. SUMMARY OF ENTRANTS AND ENTRIES IN PERFORMANCE TESTS.

ENTRANT	BRAND OR ENTRY
Illinois A.E.S. and USDA-ARS	Fayette, Hamilton, Kunitz, Linford, Macon, Williams 82
Indiana A.E.S. and USDA-ARS	Probst
Iowa A.E.S.	IA2007, Kenwood 94
Kansas A.E.S.	Crawford, Sparks, KS3494, KS4390, KS4694, KS4895, KS5292, K1218 EXP, K1231 Exp, K1235 Exp, K1267 EXP, K1276 EXP, K1277 EXP, K1278 EXP, K1279 EXP, K1280 EXP, K1281 EXP
Kentucky A.E.S.	KY88-5037 EXP
Maryland A.E.S.	Corsica, Manokin
Mississippi A.E.S. and USDA-ARS	Forrest, Hartwig
Missouri A.E.S.	Avery, Delsoy 4210, Delsoy 4500, Delsoy 4710, Delsoy 4900, Magellan, Mustang
North Carolina A.E.S.	Holladay
Ohio A.R.D.C. and USDA-ARS	Edison, Flyer, Stressland, Resnik, Sherman
Virginia A.E.S.	Essex, Hutcheson, Stafford
AgriPro Bioscience, Inc. (Agripro) Route 2 Hwy 30 East Ames, IA 50010	AP 3940, AP 4343, EX 4400
Asgrow Seed Co. (Asgrow) 2605 East Kilgore Kalamazoo, MI 49002	A3510, A3834, A4045, A4138, A4341, A4715, A4922
Dekalb Plant Genetics (Dekalb) 3100 Sycamore Rd. Dekalb, IL 60115	CX368, CX377, CX399, CX404, CX411, CX434, CX445, CX469C
DeLange Seed (DeLange) P.O. Box 7 Girard, KS 66743	DS 390, DS 410, DS 455, DS 485
Drussel Seed and Supply (Drussel) 2197 W. Parallel Rd. Garden City, KS 67846	DSS 3880, DSS Exp 43580
Pueblo Chemical Supply (Dyna-Gro) 632 Deer Road Clifton, KS 66937	3303, 3340, 3368, 3400, 3410, 3502, UAPX-157
Fontanelle Hybrids (Fontanelle) Route 1, Box 18 Nickerson, NE 68044	6100, 6104
The J.C. Robinson Seed Co. (Golden Harvest) 100 J. C., Robinson Blvd. Waterloo, NE 68069	H-1309, H-1353, H-1388, H-1485, X 454 EXP, X 500 EXP
Great Lakes Hybrids (Great Lakes) 9915 W. M-21 Ovid, MI 48866	GL 3145, GL 3558, GL 4015
Hamon Seed Farms (Hamon) Route 1, Box 71 Valley Falls, KS 66088-9725	455 Exp
Hoegemeyer Hybrids (Hoegemeyer) Route 2, Box 126 Hooper, NE 68031	315, 365, 380, 401, 435
ICI Seeds (ICI) 6945 Vista Drive West Des Moines, IA 50266	D371, D396, D414, D454, D478
Lewis Hybrids, Inc. (Lewis) P.O. Box 38, W. Maple St. Ursa, IL 62376	349, 390, 409, 431
Merschman Seeds (Merschman) 103 Ave. D West Point, IA 52656	Atlanta III, Austin II, Dallas, Dallas II, Eisenhower III, Fillmore IV, Houston III, Nashville, Richmond III, Roosevelt
Midland Seeds Inc. (Midland) 980 Hwy 15 Hope, KS 67451	8286,8325, 8340, 8343, 8355, 8356, 8375, 8393, 8410, 8413, 8475, EXP 38STS, EXP 453, EXP 481, EXP 48N, EXP 491
Mycogen Plant Sciences (Mycogen) 720 St. Croix Street Prescott, WI 54021	395, 429, 470
NC+ Hybrids (NC+) Box 4408 Lincoln, NE 68504	2A91, 3A25, 3A44, 3A75, 4A10, 4A27, 5A15, 5A44
NeCo Seed Farms, Inc. (NeCo) P.O. Box 379 Garden City, MO 64747	7354, 7392, 7395N, 7400, 7415N, 7445N, 7465, 7484
Northrup King (Northrup-King) 1060 Wheatland Dr. Buhler, KS 67522	S30-06, S35-35, S39-41, S42-50, S42-60, S46-44, S52-25, S57-11
Ohlde Seed Farms, M/W Genetics Route 1, Box 63 (Ohlde (M/W GEN)) Palmer, KS 66962	2650, 2930, 3000, 3250, 3431A, 35550, 3580, 3650, 3750A, 3996, 4040, 4367, 4440, 4510, 5020N, 5200N, EXP X2825, EXP X311, EXP X602, EXP X674, EXP X766, EXP X804, EXP X819
Pioneer Hi-Bred Int., Inc. (Pioneer) 1616 S. Kentucky, Ste. C-150 Amarillo, TX 79102	9321, 9341, 9343, 9362, 9381, 9391, 9393, 9411, 9412, 9444, 9491, 9521
Sansgaard Seed Farms, Inc. 15 X Avenue (Prairie Brand) Story City, IA 50248	PB-384, PB-400
Star Seed Inc. (Star) Box 504 Beloit, KS 67420	Bounty STS, Celebrity, Classic, Express II, Galaxy, Quest
Stine Seed Co. (Stine) 2225 Laredo Trail Adel, IA 50003	3260, 3510, 3570, 3660, 3680, 3680A, 3973, 4650, 4680, Ex 2970 EXP
Taylor Seed Farms, Inc. (Taylor) Route 2, Box 27A White Cloud, KS 66094	399, EXP 93T36, EXP 93T399
Terra International, Inc. (Terra) 600 Fourth Street, P.O. Box 6000 Sioux City, IA 51101	E415 EXP, TORCH, TS393, TS402, TS4292 (E4292), TS474 (E474), TS4792 (E4792), TS504
Midland Soybean Development Assoc. P.O. Box 379 (Willcross) Garden City, MO 64747	92A, 92B, 9435A, 9435B, 9447A, 9447B, 9540, 9544N, 9546, 9547N, 9552N
Wilson Seeds, Inc. (Wilson) P.O. Box 391 Harlan, IA 51537	3670, 4010

TABLE 2. LOCATIONS, CULTURAL PRACTICES, AND RAINFALL FOR 1995 SOYBEAN PERFORMANCE TESTS.

	COUNTY: DRYLAND						COUNTY: IRRIGATED				
ITEM	**BROWN**	**FRANKLIN**	**CHEROKEE**	**CHEROKEE ***	**REPUBLIC**	**HARVEY**	**REPUBLIC**	**SHAWNEE**	**STAFFORD**	**FINNEY**	**THOMAS**
Cooperator	**B. Marsh (913) 474-3469**	**K. Janssen (913) 242-5616**	**J. Long (316) 421-4826**	**J. Long (316) 421-4826**	**B. Gordon (913) 335-2836**	**M. Claassen (316) 327-2547**	**B. Gordon (913) 335-2836**	**L. Maddux (913) 354-7236**	**V. Martin (316) 549-3345**	**M. Witt (316) 276-8286**	**P. Evans (913) 462-6281**
Station or field	**Powhattan**	**Ottawa**	**Columbus**	**Pittsburg**	**Belleville**	**Hesston**	**Scandia**	**Rossville**	**St. John**	**Garden City**	**Colby**
Soil: Texture	**Silty clay loam**	**Silt loam**	**Silt loam**	**Silt loam**	**Silt loam**	**Silt loam**	**Silt loam**	**Silt loam**	**Loamy fine sand**	**Silt loam**	**Silt loam**
pH	**6.3**	**6.1**	**7.0**	**7.5**	**6.2**	**6.4**	**6.8**	**7.2**	**6.5**	**8.0**	**7.8**
Organic matter (%)	**2.8**	**2.5**	**1.3**	**1.6**	**2.5**	**2.3**	**2.5**	**1.8**	**0.6**	**1.2**	**2.0**
P test	**H**	**---**	**M**	**M**	**M**	**---**	**M**	**M**	**---**	**---**	**M**
K test	**H**	**---**	**M**	**M**	**VH**	**---**	**VH**	**H**	**---**	**---**	**VH**
Planting date	**6/16**	**6/19**	**6/20**	**6/20**	**6/13**	**6/17**	**6/9**	**5/30**	**6/12**	**6/2**	**6/14**
Herbicides (per acre)**	**3.0 pt. Squad.**	**3.0 pt. Squad.**	**3.0 pt. Squad.**	**3.0 pt. Squad.**	**.5 lb. Sencor 1.5 pt. Prowl**	**None**	**2.5 pt. Pur. Plus**	**1 qt. Tref. 1.4 oz. Scep.**	**2 lb. Dual 4 oz. Pur.**	**2.5 pt. Pur. Plus**	**1.5 pt. Tref.**
Fertilizer (lbs/a)	**none**	**none**	**13N,50P, 50K**	**13N,50P, 50K**	**10N,34P, 0K**	**none**	**10N,34P,0K**	**none**	**18N,23P, 0K**	**none**	**5N,15P,0K**
Test avg. (bu/a)											
MG II											**36.7 (12.9)**
MG III	**18.5 (15.4)*** **	**36.1 (6.8)**	**16.1 (14.4))**		**44.9 (10.2)**	**24.5 (7.9)**	**55.9 (6.5)**	**56.5 (8.5)**	**49.2 (10.0)**	**33.3 (13.3)**	**34.4 (13.1)**
MG IV	**20.5 (12.3)**	**33.1 (7.3)**	**18.7 (13.6)**		**40.9 (11.7)**	**24.8 (8.9)**	**54.5 (7.4)**	**55.5 (9.3)**	**51.2 (8.0)**	**36.4 (9.4)**	
MG V			**21.8 (12.7)**	**26.9 (8.6)**							
Row length (ft)	**25**	**30**	**15**	**15**	**20**	**25**	**25**	**15**	**26**	**20**	**20**
Seeding rate (seeds/ft.)	**8**	**8**	**8**	**8**	**11**	**8**	**12**	**8**	**7**	**10**	**9**
Rows harvested	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**2**	**4**	**2**
Rainfall (R) or Irrigation (I)	**R**	**R**	**R**	**R**	**R**	**R**	**R** **I**	**R** **I**	**R** **I**	**R** **I**	**R** **I**
April	**3.71**	**3.92**	**4.00**	**4.00**	**2.01**	**4.72**	**2.01**	**2.90**	**3.15**	**1.93**	**2.49**
May	**9.90**	**10.13**	**10.0**	**10.00**	**9.03**	**12.03**	**9.03**	**4.60**	**12.25**	**7.74**	**7.34**
June	**6.95**	**4.35**	**9.95**	**9.95**	**2.39**	**5.36**	**2.39**	**3.50**	**4.24** **0.8**	**4.03**	**2.98**
July	**5.66**	**4.30**	**1.55**	**1.55**	**3.45**	**2.46**	**2.43** **3.00**	**3.40** **5.31**	**1.87** **8.0**	**2.44**	**4.23** **3.00**
August	**4.01**	**2.45**	**2.95**	**2.95**	**5.00**	**5.00**	**3.65** **3.00**	**3.90** **7.30**	**3.47** **6.5**	**2.04** **10.00**	**1.37** **8.00**
September	**7.85**	**0.67**	**0.55**	**0.55**	**2.75**	**4.30**	**2.44** **3.00**	**2.30** **1.58**	**1.94** **2.5**	**1.44** **5.00**	**1.36** **4.00**
Total	**38.08**	**25.82**	**29.00**	**29.00**	**24.63**	**33.87**	**21.95** **9.00**	**20.70** **14.19**	**26.92** **17.8**	**19.62** **15.00**	**19.77** **15.00**

*** Soybean Cyst Nematode infested location. ** Squad. = Squadron, Scep. = Sceptor, Tref. = Treflan, Pur. = Pursuit.*** Coefficient of variability.**

TABLE 3. BROWN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
		MATURITY GROUPS II-III													
	KENWOOD 94	21.1	---	---	---	---	---	---	114	---	---	---	-13	1.0	20
	IA2007	15.3	---	---	---	---	---	---	82	---	---	---	-11	1.0	22
GOLDEN HARVEST	H-1309	9.7	---	---	---	---	---	---	52	---	---	---	-10	1.0	20
NORTHRUP-KING	S30-06	19.5	39.2	20.1	---	29.4	26.3	---	105	102	93	---	-9	1.0	22
DYNA-GRO	3303	22.3	44.5	---	---	33.4	---	---	120	115	---	---	-7	1.0	23
STAR	CELEBRITY	12.6	33.4	19.9	---	23.0	22.0	---	68	87	92	---	-6	1.0	20
DYNA-GRO	3368	23.2	42.2	---	---	32.7	---	---	125	110	---	---	-6	1.5	24
HOEGEMEYER	365	23.1	39.5	22.2	---	31.3	28.2	---	124	102	103	---	-6	1.0	23
NORTHRUP-KING	S35-35	15.6	---	17.1	---	---	---	---	84	---	79	---	-6	1.0	22
	RESNIK	13.0	37.4	22.7	37.1	25.2	24.3	27.5	70	97	105	92	-6	1.0	21
PIONEER	9362	19.0	39.9	---	---	29.4	---	---	102	103	---	---	-5	1.0	23
NORTHRUP-KING	S39-41	17.5	39.4	21.1	---	28.4	26.0	---	94	102	98	---	-5	1.0	25
MIDLAND	8356	11.8	---	---	---	---	---	---	63	---	---	---	-5	1.0	23
MIDLAND	8375	17.4	---	---	---	---	---	---	94	---	---	---	-5	1.0	21
OHLDE (M/W GEN)	EXP X602	20.1	---	---	---	---	---	---	109	---	---	---	-5	1.0	21
MIDLAND	8355	16.4	40.7	---	---	28.5	---	---	88	106	---	---	-5	1.0	17
MYCOGEN	395	16.5	---	---	---	---	---	---	89	---	---	---	-5	1.0	22
LEWIS	349	22.6	---	---	---	---	---	---	122	---	---	---	-4	1.0	24
FONTANELLE	6100	21.9	38.2	23.2	46.5	30.0	27.8	32.4	118	99	107	115	-4	1.0	22
	KS3494	19.8	38.9	23.4	41.7	29.3	27.4	30.9	107	101	108	103	-4	1.0	22
WILSON	3670	20.5	---	---	---	---	---	---	111	---	---	---	-4	1.0	26
MERSCHMAN	FILLMORE IV	22.2	---	---	---	---	---	---	120	---	---	---	-4	1.0	24
WILLCROSS	9435A	16.5	41.9	---	---	29.2	---	---	89	109	---	---	-4	1.5	22
	MACON	18.8	---	---	---	---	---	---	101	---	---	---	-4	1.0	22
GOLDEN HARVEST	H-1353	24.4	37.3	20.7	45.7	30.9	27.5	32.0	132	97	96	113	-4	1.0	28
STAR	EXPRESS II	25.1	---	---	---	---	---	---	135	---	---	---	-4	1.0	23
PIONEER	9391	14.6	---	25.1	41.6	---	---	---	79	---	116	103	-4	1.0	24
HOEGEMEYER	380	27.0	38.5	24.1	---	32.8	29.9	---	146	100	112	---	-4	1.0	23
NC+	3A44	15.4	---	---	---	---	---	---	83	---	---	---	-4	1.0	21
DEKALB	CX368	17.6	---	---	---	---	---	---	95	---	---	---	-4	1.0	23
STINE	3660	28.8	37.7	---	---	33.2	---	---	155	98	---	---	-3	1.0	28
OHLDE (M/W GEN)	3650	17.2	38.3	28.5	40.8	27.7	28.0	31.2	93	99	132	101	-3	1.0	22
	KUNITZ	19.4	32.8	23.8	38.9	26.1	25.3	28.7	104	85	110	96	-3	1.0	27
MERSCHMAN	ROOSEVELT	23.7	39.2	24.4	38.4	31.5	29.1	31.4	128	102	113	95	-3	1.0	22
OHLDE (M/W GEN)	3580	23.6	39.3	23.2	---	31.5	28.7	---	128	102	107	---	-3	1.0	25
STAR	GALAXY	19.2	41.0	18.6	44.4	30.1	26.3	30.8	104	106	86	110	-3	1.0	22
DEKALB	CX377	17.1	39.1	---	---	28.1	---	---	92	102	---	---	-3	1.0	26
TAYLOR	399	18.0	40.2	26.3	46.1	29.1	28.2	32.6	97	104	122	114	-3	1.0	21
ICI	D371	17.2	44.7	20.1	41.6	31.0	27.3	30.9	93	116	93	103	-3	1.0	24
NeCo	7354	8.3	39.9	---	---	24.1	---	---	45	104	---	---	-3	1.0	19
WILLCROSS	9435B	15.8	---	---	---	---	---	---	85	---	---	---	-3	1.0	23
PRAIRIE BRAND	PB-384	18.0	---	---	---	---	---	---	97	---	---	---	-3	1.0	23
	PROBST	20.0	39.4	---	---	29.7	---	---	108	102	---	---	-3	1.0	23
	SHERMAN	26.6	35.4	20.8	44.0	31.0	27.6	31.7	143	92	96	109	-3	1.0	25

(CONTINUED)

TABLE 3. BROWN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
STINE	3570	24.8	---	---	---	---	---	---	134	---	---	---	-3	1.0	21
OHLDE (M/W GEN)	3996	18.9	---	---	---	---	---	---	102	---	---	---	-3	1.0	24
	EDISON	21.5	39.1	23.7	41.1	30.3	28.1	31.3	116	101	110	101	-2	1.0	23
ASGROW	A3834	13.9	---	---	---	---	---	---	75	---	---	---	-2	1.0	22
STINE	3680	12.4	---	---	---	---	---	---	67	---	---	---	-2	1.0	21
FONTANELLE	6104	19.1	37.1	21.8	40.4	28.1	26.0	29.6	103	96	101	100	-2	1.0	20
MERSCHMAN	EISENHOWER III	16.0	40.1	18.7	---	28.1	24.9	---	86	104	87	---	-2	1.0	24
TAYLOR	EXP 93T399	17.9	---	---	---	---	---	---	96	---	---	---	-2	1.0	21
LEWIS	390	21.6	---	---	---	---	---	---	116	---	---	---	-2	1.0	23
NeCo	7392	23.0	42.0	---	---	32.5	---	---	124	109	---	---	-2	1.0	22
ICI	D396	15.7	35.4	---	---	25.6	---	---	85	92	---	---	-2	1.0	22
WILLCROSS	92A	16.9	45.6	23.5	45.9	31.2	28.7	33.0	91	118	109	113	-2	1.0	24
WILLCROSS	9540	21.8	---	---	---	---	---	---	117	---	---	---	-1	1.0	26
WILLCROSS	92B	19.1	36.2	---	---	27.6	---	---	103	94	---	---	-1	1.0	20
	LINFORD	11.3	34.2	26.1	36.9	22.8	23.9	27.1	61	89	121	91	-1	1.0	27
STAR	QUEST	15.2	---	---	---	---	---	---	82	---	---	---	-1	1.0	21
OHLDE (M/W GEN)	EXP X766	15.5	---	---	---	---	---	---	84	---	---	---	-1	1.0	25
AGRIPRO	AP 3940	16.6	---	---	---	---	---	---	90	---	---	---	-1	1.0	20
MIDLAND	8393	18.1	37.7	25.3	---	27.9	27.0	---	98	98	117	---	0	1.0	31
	WILLIAMS 82	23.6	32.0	27.0	42.2	27.8	27.5	31.2	127	83	125	104	0	1.0	30
TEST AVERAGES		18.5	38.5	21.6	40.5										
LSD (.1:'94-'95, .05:'92-'93)		4.8	3.9	5.2	4.1										

(CONTINUED)

TABLE 3. BROWN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
						MATURITY GROUP IV									
PRAIRIE BRAND	PB-400	24.0	---	---	---	---	---	---	117	---	---	---	-7	1.0	21
MIDLAND	8410	15.8	46.8	21.4	48.7	31.3	28.0	33.2	77	117	100	106	-2	1.0	19
DYNA-GRO	3400	25.0	42.7	---	---	33.8	---	---	122	107	---	---	-2	1.0	23
ASGROW	A4045	18.8	38.2	---	---	28.5	---	---	92	96	---	---	-2	1.0	23
HOEGEMEYER	401	15.9	40.6	19.2	51.0	28.2	25.2	31.7	77	102	90	111	-2	1.0	20
OHLDE (M/W GEN)	4040	21.8	38.8	22.3	49.5	30.3	27.6	33.1	106	97	104	108	-2	1.0	24
	CORSICA	15.5	37.1	19.8	39.4	26.3	24.1	28.0	76	93	93	86	-1	1.0	23
PIONEER	9412	19.4	---	---	---	---	---	---	95	---	---	---	-1	1.0	22
	HAMILTON	13.3	39.4	16.6	---	26.3	23.1	---	65	99	78	---	-1	1.0	20
WILSON	4010	23.3	43.9	22.9	50.3	33.6	30.0	35.1	114	110	107	110	-1	1.0	22
NC+	4A10	26.0	40.0	21.9	---	33.0	29.3	---	127	100	102	---	-1	1.0	21
OHLDE (M/W GEN)	EXP X311	16.0	---	---	---	---	---	---	78	---	---	---	0	1.0	22
LEWIS	409	18.4	---	18.3	48.7	---	---	---	90	---	86	106	0	1.0	21
DEKALB	CX411	20.1	41.9	---	---	31.0	---	---	98	105	---	---	0	1.0	23
HOEGEMEYER	435	24.7	---	---	---	---	---	---	121	---	---	---	0	1.0	24
	FLYER	18.2	37.8	22.2	43.1	28.0	26.0	30.3	89	95	104	94	10/11	1.0	22
ASGROW	A4341	22.3	---	---	---	---	---	---	109	---	---	---	0	1.0	22
ICI	D414	21.3	39.9	---	---	30.6	---	---	104	100	---	---	0	1.0	25
	KS4390	13.3	35.9	11.5	44.5	24.6	20.2	26.3	65	90	54	97	1	1.0	21
NORTHRUP-KING	S42-60	24.6	41.5	25.0	---	33.0	30.3	---	120	104	117	---	1	1.0	25
	STRESSLAND	17.5	40.4	---	---	28.9	---	---	85	101	---	---	2	1.5	26
	MAGELLAN	17.3	---	---	---	---	---	---	84	---	---	---	2	1.0	24
	MUSTANG	16.6	---	---	---	---	---	---	81	---	---	---	2	1.5	25
	K1231	26.6	39.5	27.0	---	33.1	31.0	---	130	99	126	---	2	1.0	24
	DELSOY 4210	19.2	35.1	21.1	43.1	27.2	25.1	29.6	94	88	99	94	3	1.0	26
	K1235	20.5	46.4	25.5	---	33.5	30.8	---	100	116	119	---	3	1.0	23
	DELSOY 4500	14.7	38.2	19.6	41.5	26.5	24.2	28.5	72	96	92	90	3	1.5	20
MIDLAND	8413	20.1	42.7	---	---	31.4	---	---	98	107	---	---	3	1.0	25
OHLDE (M/W GEN)	4367	27.0	40.3	---	---	33.6	---	---	132	101	---	---	4	1.0	23
OHLDE (M/W GEN)	4440	28.7	44.1	---	---	36.4	---	---	140	111	---	---	4	1.0	24
	KY88-5037	25.2	38.2	---	---	31.7	---	---	123	96	---	---	5	1.0	29
	KS4694	22.9	38.4	24.7	47.4	30.6	28.7	33.3	112	96	115	103	5	1.0	25
HAMON	455 EXP	22.1	---	---	---	---	---	---	108	---	---	---	6	1.1	25
TEST AVERAGES		20.5	39.9	21.4	45.9										
LSD (.1:'94-'95, .05:'92-'93)		4.3	2.9	2.8	3.2										
LSD (.1 BETWEEN MATURITY GROUPS)		4.7	4.0												

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 4. SHAWNEE COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
						MATURITY GROUPS II-III									
	KENWOOD 94	44.0	---	---	---	---	---	---	78	---	---	---	-13	1.5	31
	IA2007	47.6	---	---	---	---	---	---	84	---	---	---	-13	1.0	35
NORTHRUP-KING	S30-06	62.8	---	43.7	---	---	---	---	111	---	91	---	-8	1.0	34
HOEGEMEYER	365	53.7	63.4	43.0	---	58.6	53.4	---	95	103	89	---	-7	1.3	34
	KS3494	59.1	61.1	53.9	49.5	60.1	58.0	55.9	105	99	112	89	-7	1.3	39
MIDLAND	8340	51.1	69.0	34.3	57.0	60.0	51.5	52.9	90	112	71	102	-7	1.5	39
STAR	CELEBRITY	55.7	60.8	48.6	---	58.3	55.0	---	99	98	101	---	-7	1.2	31
OHLDE (M/W GEN)	EXP X602	55.2	---	---	---	---	---	---	98	---	---	---	-6	1.3	37
DYNA-GRO	3303	59.6	---	---	---	---	---	---	105	---	---	---	-6	1.7	35
	K1281	40.5	---	---	---	---	---	---	72	---	---	---	-6	1.5	42
	RESNIK	53.2	54.7	37.5	52.0	54.0	48.5	49.4	94	89	78	93	-6	1.3	35
	PROBST	52.2	57.3	---	---	54.7	---	---	92	93	---	---	-6	1.3	36
GOLDEN HARVEST	H-1309	50.2	---	---	---	---	---	---	89	---	---	---	-6	1.0	28
NC+	3A75	62.5	---	---	---	---	---	---	111	---	---	---	-6	1.2	39
MIDLAND	8375	54.0	57.9	---	---	55.9	---	---	96	94	---	---	-6	1.2	35
WILLCROSS	9435A	55.9	62.2	---	---	59.1	---	---	99	101	---	---	-5	1.0	36
WILLCROSS	9435B	59.6	---	---	---	---	---	---	105	---	---	---	-4	1.2	33
NeCo	7354	59.1	52.8	---	---	55.9	---	---	104	85	---	---	-4	1.2	33
	EDISON	54.9	61.8	35.3	53.9	58.3	50.6	51.5	97	100	73	97	-4	1.2	37
DYNA-GRO	3368	56.5	67.9	---	---	62.2	---	---	100	110	---	---	-4	1.2	36
ASGROW	A3510	57.2	58.1	55.9	---	57.6	57.0	---	101	94	116	---	-4	1.3	40
STINE	3660	62.8	67.1	---	---	64.9	---	---	111	109	---	---	-4	1.2	37
HOEGEMEYER	380	58.0	61.9	54.8	64.3	59.9	58.2	59.7	103	100	114	115	-4	1.5	37
STAR	EXPRESS II	59.0	---	---	---	---	---	---	104	---	---	---	-3	1.3	34
LEWIS	349	52.5	---	---	---	---	---	---	93	---	---	---	-3	1.7	38
	SHERMAN	57.9	55.4	60.3	58.2	56.7	57.9	58.0	102	90	125	104	-3	1.7	40
DEKALB	CX368	64.3	---	---	---	---	---	---	114	---	---	---	-3	1.2	39
MIDLAND	8356	60.5	---	---	---	---	---	---	107	---	---	---	-3	1.7	41
MYCOGEN	395	56.8	65.1	---	---	60.9	---	---	100	105	---	---	-3	1.3	40
MERSCHMAN	FILLMORE IV	64.7	---	---	---	---	---	---	115	---	---	---	-3	1.2	37
	MACON	56.5	---	---	---	---	---	---	100	---	---	---	-3	1.3	37
GOLDEN HARVEST	H-1353	64.4	66.2	42.1	61.9	65.3	57.5	58.6	114	107	87	111	-3	1.3	38
	KUNITZ	50.5	56.4	47.7	48.8	53.5	51.5	50.8	89	91	99	87	-3	1.7	42
OHLDE (M/W GEN)	3580	61.7	68.3	47.7	---	65.0	59.3	---	109	111	99	---	-3	1.2	36
DEKALB	CX399	59.8	---	---	---	---	---	---	106	---	---	---	-3	1.3	44
PIONEER	9393	51.3	64.1	---	---	57.7	---	---	91	104	---	---	-2	1.3	37
OHLDE (M/W GEN)	3431A	60.0	---	---	---	---	---	---	106	---	---	---	-2	1.3	45
ICI	D371	64.8	65.0	48.4	60.8	64.9	59.4	59.7	115	105	100	109	-2	1.2	37
MERSCHMAN	ROOSEVELT	50.9	63.4	48.1	57.7	57.2	54.2	55.0	90	103	100	103	-2	1.7	42
OHLDE (M/W GEN)	3750A	49.6	60.5	41.4	61.0	55.1	50.5	53.1	88	98	86	109	-2	1.5	42
OHLDE (M/W GEN)	3555	63.2	65.5	---	---	64.4	---	---	112	106	---	---	-2	1.5	41
TAYLOR	EXP 93T36	55.5	---	---	---	---	---	---	98	---	---	---	-2	1.5	36
STAR	QUEST	61.9	---	---	---	---	---	---	110	---	---	---	-2	1.3	35
	LINFORD	51.7	61.6	47.2	53.4	56.7	53.5	53.5	92	100	98	96	-2	1.8	48
OHLDE (M/W GEN)	3996	61.7	---	---	---	---	---	---	109	---	---	---	-2	1.3	38

(CONTINUED)

TABLE 4. SHAWNEE COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
ICI	D396	56.2	61.7	---	---	58.9	---	---	99	100	---	---	-2	1.5	41
AGRIPRO	AP 3940	59.5	---	---	---	---	---	---	105	---	---	---	-2	1.2	35
OHLDE (M/W GEN)	EXP X766	58.1	---	---	---	---	---	---	103	---	---	---	-1	1.2	40
MIDLAND	8393	52.9	63.1	---	55.1	58.0	---	---	94	102	---	99	-1	2.0	42
STAR	GALAXY	58.0	62.5	49.9	60.5	60.3	56.8	57.7	103	101	104	108	-1	1.3	38
ASGROW	A3834	59.4	---	---	---	---	---	---	105	---	---	---	-1	1.0	37
STINE	3680	61.0	---	---	---	---	---	---	108	---	---	---	-1	1.7	43
	WILLIAMS 82	48.2	53.1	53.2	54.1	50.7	51.5	52.2	85	86	111	97	-1	1.7	45
STINE	3973	61.3	---	---	---	---	---	---	108	---	---	---	0	1.7	40
WILLCROSS	92A	55.9	60.7	50.8	55.2	58.3	55.8	55.7	99	98	106	99	0	1.2	39
NeCo	7392	53.3	61.9	---	---	57.6	---	---	94	100	---	---	0	1.2	37
MERSCHMAN	EISENHOWER III	59.5	60.2	51.4	---	59.8	57.0	---	105	97	107	---	0	1.7	43
WILLCROSS	92B	50.8	60.9	---	---	55.9	---	---	90	99	---	---	0	1.2	40
TEST AVERAGES		56.5	61.8	48.1	55.8										
LSD (.1:'94-'95, .05:'92-'93)		6.5	6.7	8.0	9.7										
						MATURITY GROUP IV									
	CORSICA	58.8	65.6	45.3	54.6	62.2	56.5	56.1	106	107	85	87	-2	1.3	40
	K1280	49.8	---	---	---	---	---	---	90	---	---	---	-1	1.7	48
PIONEER	9412	64.2	---	---	---	---	---	---	116	---	---	---	-1	1.2	38
	K1279	49.7	---	---	---	---	---	---	90	---	---	---	-1	1.5	39
	HAMILTON	63.7	60.9	57.3	---	62.3	60.6	---	115	99	107	---	-1	1.7	37
	K1278	55.6	---	---	---	---	---	---	100	---	---	---	-1	1.5	51
DEKALB	CX411	60.9	69.8	---	---	65.4	---	---	110	114	---	---	-1	1.3	40
OHLDE (M/W GEN)	EXP X311	63.0	---	---	---	---	---	---	114	---	---	---	-1	1.5	42
PIONEER	9411	48.7	61.0	---	---	54.8	---	---	88	100	---	---	-1	1.3	44
OHLDE (M/W GEN)	4040	59.6	62.5	---	---	61.0	---	---	107	102	---	---	-1	1.3	41
LEWIS	409	56.7	69.1	59.0	---	62.9	61.6	---	102	113	111	---	-1	1.5	39
	K1231	55.0	57.9	53.7	---	56.4	55.5	---	99	94	101	---	-1	1.3	42
HOEGEMEYER	401	54.6	58.4	58.6	70.7	56.5	57.2	60.6	98	95	110	112	0	1.3	38
DYNA-GRO	3400	54.2	58.9	---	---	56.6	---	---	98	96	---	---	0	1.3	39
NC+	4A10	63.1	66.8	61.6	65.6	65.0	63.8	64.3	114	109	115	104	0	1.5	40
MIDLAND	8410	56.2	65.4	53.2	65.4	60.8	58.2	60.0	101	107	100	104	0	1.5	40
	FLYER	58.1	57.6	53.1	63.8	57.8	56.2	58.1	105	94	100	101	10/4	1.7	44
NORTHRUP-KING	S42-60	63.7	72.9	---	---	68.3	---	---	115	119	---	---	0	1.5	42
	MAGELLAN	53.8	---	---	---	---	---	---	97	---	---	---	0	1.7	43
	STRESSLAND	55.9	57.5	---	---	56.7	---	---	101	94	---	---	1	1.7	45
MYCOGEN	429	59.8	---	---	---	---	---	---	108	---	---	---	1	1.2	45
	MUSTANG	42.9	---	---	---	---	---	---	77	---	---	---	1	1.5	46
	KS4390	49.1	62.1	42.8	60.0	55.6	51.3	53.5	89	101	80	95	1	1.5	45
MIDLAND	8413	55.4	61.9	55.1	---	58.7	57.5	---	100	101	103	---	1	1.3	42
HOEGEMEYER	435	49.7	---	---	---	---	---	---	90	---	---	---	1	1.7	42
	DELSOY 4500	47.5	51.9	48.0	54.0	49.7	49.1	50.3	86	85	90	86	2	2.0	49
DEKALB	CX434	57.7	---	---	---	---	---	---	104	---	---	---	2	1.5	45

(CONTINUED)

TABLE 4. SHAWNEE COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
ASGROW	A4341	63.2	---	---	---	---	---	---	114	---	---	---	2	1.5	41
	DELSOY 4210	50.5	58.6	54.0	62.7	54.6	54.4	56.5	91	96	101	100	3	1.8	49
	KY88-5037	45.7	61.5	---	---	53.6	---	---	82	100	---	---	3	1.8	49
	K1235	52.7	58.2	60.2	---	55.4	57.0	---	95	95	113	---	3	1.8	45
	KS4694	50.5	59.6	57.9	69.5	55.0	56.0	59.4	91	97	109	110	4	1.7	45
MERSCHMAN	NASHVILLE	52.1	---	---	---	---	---	---	94	---	---	---	6	2.0	47
STINE	4650	54.9	---	---	---	---	---	---	99	---	---	---	7	2.0	45
STINE	4680	57.7	---	---	---	---	---	---	104	---	---	---	8	2.0	49
MERSCHMAN	ATLANTA III	62.6	73.2	---	---	67.9	---	---	113	120	---	---	9	2.2	48
TEST AVERAGES		55.5	61.2	53.3	63.0										
LSD (.1:'94-'95, .05:'92-'93)		7.0	5.9	8.9	9.6										
LSD (.1 BETWEEN MATURITY GROUPS)		7.3	7.1												

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 5. FRANKLIN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
						MATURITY GROUPS II-III									
	IA2007	31.2	---	---	---	---	---	---	87	---	---	---	-12	1.0	28
	KENWOOD 94	30.9	---	---	---	---	---	---	86	---	---	---	-9	1.0	25
HOEGEMEYER	365	35.5	49.2	33.1	---	42.4	39.3	---	98	110	102	---	-7	1.0	27
NORTHRUP-KING	S30-06	35.6	43.8	32.9	---	39.7	37.5	---	99	98	102	---	-5	1.0	28
STAR	CELEBRITY	29.5	36.7	29.4	---	33.1	31.9	---	82	82	91	---	-4	1.0	26
	KS3494	36.4	43.8	31.6	45.8	40.1	37.3	39.4	101	98	98	101	-4	1.0	29
	PROBST	36.2	45.5	---	---	40.8	---	---	100	101	---	---	-3	1.0	30
	RESNIK	33.5	42.7	30.8	41.6	38.1	35.6	37.1	93	95	95	92	-3	1.0	28
OHLDE (M/W GEN)	EXP X602	35.7	---	---	---	---	---	---	99	---	---	---	-3	1.0	29
NeCo	7354	36.2	---	---	---	---	---	---	100	---	---	---	-3	1.0	27
TERRA	TORCH	39.2	47.7	---	---	43.4	---	---	109	106	---	---	-3	1.0	30
WILLCROSS	9435B	35.6	---	---	---	---	---	---	99	---	---	---	-3	1.0	28
OHLDE (M/W GEN)	3580	34.5	45.0	32.4	---	39.7	37.3	---	96	100	100	---	-3	1.0	29
STAR	QUEST	35.9	---	---	---	---	---	---	100	---	---	---	-3	1.0	28
HOEGEMEYER	380	35.2	47.8	33.3	45.4	41.5	38.8	40.4	98	107	103	100	-3	1.0	28
	SHERMAN	37.4	48.4	35.5	46.9	42.9	40.4	42.0	104	108	110	104	-3	1.0	29
OHLDE (M/W GEN)	3555	35.5	47.2	---	---	41.3	---	---	99	105	---	---	-3	1.0	30
DYNA-GRO	3368	35.9	45.9	---	---	40.9	---	---	100	102	---	---	-2	1.0	28
WILLCROSS	9435A	36.4	---	---	---	---	---	---	101	---	---	---	-2	1.0	27
OHLDE (M/W GEN)	3750A	37.4	42.0	34.0	46.7	39.7	37.8	40.0	104	94	105	103	-2	1.0	34
MIDLAND	8356	36.1	---	---	---	---	---	---	100	---	---	---	-2	1.0	30
DEKALB	CX368	36.2	---	---	---	---	---	---	100	---	---	---	-2	1.0	30

(CONTINUED)

TABLE 5. FRANKLIN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
TAYLOR	EXP 93T399	35.7	---	---	---	---	---	---	99	---	---	---	-2	1.0	30
	KUNITZ	31.0	41.4	30.3	37.8	36.2	34.2	35.1	86	92	94	84	-2	1.0	34
PIONEER	9391	35.3	---	32.2	43.4	---	---	---	98	---	100	96	-2	1.0	32
	EDISON	33.6	45.4	34.0	42.5	39.5	37.7	38.9	93	101	105	94	-2	1.0	28
STAR	EXPRESS II	39.5	---	---	---	---	---	---	110	---	---	---	-2	1.0	27
OHLDE (M/W GEN)	3996	38.4	---	---	---	---	---	---	107	---	---	---	-1	1.0	30
	MACON	35.9	---	---	---	---	---	---	100	---	---	---	-1	1.0	30
DYNA-GRO	UAPX-157	39.7	---	---	---	---	---	---	110	---	---	---	-1	1.0	31
STINE	3660	39.8	---	---	---	---	---	---	110	---	---	---	-1	1.0	28
	LINFORD	29.8	42.6	30.8	41.4	36.2	34.4	36.1	83	95	95	92	-1	1.0	35
OHLDE (M/W GEN)	3650	38.0	49.2	32.4	45.5	43.6	39.9	41.3	105	110	100	101	-1	1.0	30
MYCOGEN	395	35.7	---	---	---	---	---	---	99	---	---	---	-1	1.0	30
DEKALB	CX399	35.9	---	---	---	---	---	---	100	---	---	---	-1	1.0	33
FONTANELLE	6100	37.5	47.6	32.8	49.1	42.6	39.3	41.8	104	106	101	109	-1	1.0	30
FONTANELLE	6104	37.5	42.3	34.3	45.6	39.9	38.0	39.9	104	94	106	101	-1	1.0	27
TAYLOR	399	41.0	48.7	32.6	48.8	44.9	40.8	42.8	114	109	101	108	-1	1.0	33
GOLDEN HARVEST	H-1388	37.6	---	34.5	---	---	---	---	104	---	107	---	-1	1.0	29
MIDLAND	EXP 38STS	34.7	---	---	---	---	---	---	96	---	---	---	-1	1.0	31
MIDLAND	8393	38.1	46.1	32.8	47.6	42.1	39.0	41.2	106	103	101	105	-1	1.0	34
OHLDE (M/W GEN)	EXP X766	37.6	---	---	---	---	---	---	104	---	---	---	-1	1.0	32
ICI	D396	35.3	44.4	---	---	39.9	---	---	98	99	---	---	0	1.0	30
STINE	3680	39.4	---	---	---	---	---	---	109	---	---	---	0	1.0	31
STAR	GALAXY	36.2	48.3	33.5	47.6	42.2	39.3	41.4	100	108	104	105	0	1.0	30
WILLCROSS	92A	38.8	44.2	33.1	51.9	41.5	38.7	42.0	108	99	102	115	0	1.0	29
DELANGE	DS 390	37.0	42.8	31.7	48.8	39.9	37.1	40.1	103	95	98	108	0	1.0	33
TERRA	TS393	38.5	---	---	---	---	---	---	107	---	---	---	0	1.0	31
	WILLIAMS 82	30.1	44.4	32.4	41.0	37.3	35.6	37.0	84	99	100	91	0	1.0	37
WILLCROSS	92B	38.2	47.8	---	---	43.0	---	---	106	107	---	---	0	1.0	32
MERSCHMAN	EISENHOWER III	34.3	48.6	33.5	---	41.4	38.8	---	95	108	103	---	0	1.0	31
NeCo	7392	36.7	49.8	---	---	43.3	---	---	102	111	---	---	1	1.0	32
WILLCROSS	9540	35.3	---	---	---	---	---	---	98	---	---	---	1	1.0	34
ASGROW	A3834	37.9	---	---	---	---	---	---	105	---	---	---	2	1.0	26
TEST AVERAGES		36.1	44.9	32.4	45.2										
LSD (.1:'94-'95, .05:'92-'93)		3.3	2.7	2.7	3.3										
						MATURITY GROUP IV									
	CORSICA	30.9	45.1	26.5	44.3	38.0	34.2	36.7	93	98	93	95	-2	1.0	29
	HAMILTON	33.6	43.9	30.0	44.6	38.7	35.8	38.0	101	96	105	96	-2	1.0	30
AGRIPRO	AP 4343	27.4	---	---	---	---	---	---	83	---	---	---	-1	1.0	27
PIONEER	9412	35.7	---	---	---	---	---	---	108	---	---	---	-1	1.0	28
TERRA	E415 EXP	39.6	---	---	---	---	---	---	120	---	---	---	-1	1.0	30
TERRA	TS402	33.2	49.5	30.0	48.6	41.3	37.6	40.3	100	108	105	104	-1	1.0	29
NORTHRUP-KING	S42-50	37.2	43.8	31.8	47.7	40.5	37.6	40.1	112	96	111	102	0	1.0	29
HOEGEMEYER	401	36.5	47.5	29.3	50.6	42.0	37.7	41.0	110	104	102	109	0	1.0	28
OHLDE (M/W GEN)	4040	33.8	48.3	26.7	48.1	41.0	36.2	39.2	102	105	93	103	0	1.0	29
DYNA-GRO	3400	34.3	49.2	---	---	41.8	---	---	104	107	---	---	0	1.0	29

(CONTINUED)

TABLE 5. FRANKLIN COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		1995	
ASGROW	A4045	32.2	---	---	---	---	---	---	97	---	---	---	0	1.0	31
DEKALB	CX404	34.3	47.9	27.2	48.9	41.1	36.5	39.6	104	105	95	105	0	1.0	29
	FLYER	33.7	43.8	26.5	45.6	38.8	34.7	37.4	102	96	93	98	10/4	1.0	28
MIDLAND	8410	34.3	48.3	28.4	49.5	41.3	37.0	40.1	104	105	99	106	1	1.0	30
OHLDE (M/W GEN)	EXP X311	32.0	---	---	---	---	---	---	97	---	---	---	1	1.0	30
DYNA-GRO	3410	34.0	46.6	---	---	40.3	---	---	103	102	---	---	1	1.0	29
DELANGE	DS 410	33.4	---	---	---	---	---	---	101	---	---	---	1	1.0	29
ASGROW	A4341	33.5	48.5	---	---	41.0	---	---	101	106	---	---	1	1.0	28
	STRESSLAND	31.8	41.6	---	---	36.7	---	---	96	91	---	---	1	1.0	32
ASGROW	A4138	29.6	---	27.4	---	---	---	---	89	---	96	---	1	1.0	33
	MAGELLAN	31.3	---	---	---	---	---	---	95	---	---	---	1	1.0	31
	KS4390	31.0	43.5	26.2	41.5	37.2	33.5	35.5	94	95	92	89	1	1.0	30
HOEGEMEYER	435	33.0	---	---	---	---	---	---	100	---	---	---	2	1.0	32
AGRIPRO	EX 4400	32.0	---	---	---	---	---	---	97	---	---	---	2	1.0	28
ICI	D414	32.0	43.7	---	---	37.8	---	---	97	95	---	---	2	1.0	31
DELANGE	DS 455	30.1	41.7	---	---	35.9	---	---	91	91	---	---	2	1.0	35
	K1231	31.6	47.2	30.5	---	39.4	36.4	---	96	103	107	---	3	1.0	28
	DELSOY 4210	30.3	42.1	27.8	42.6	36.2	33.4	35.7	92	92	97	91	4	1.0	35
MIDLAND	8413	35.8	49.1	30.0	53.9	42.5	38.3	42.2	108	107	105	116	4	1.0	28
	MUSTANG	32.5	---	---	---	---	---	---	98	---	---	---	4	1.0	31
NORTHRUP-KING	S46-44	31.7	---	---	---	---	---	---	96	---	---	---	4	1.0	29
MIDLAND	EXP 481	34.6	---	---	---	---	---	---	105	---	---	---	5	1.0	34
MIDLAND	EXP 491	33.9	44.6	---	---	39.2	---	---	102	97	---	---	5	1.0	30
OHLDE (M/W GEN)	4367	30.9	43.7	---	---	37.3	---	---	93	95	---	---	5	1.0	33
	KY88-5037	35.4	45.0	---	---	40.2	---	---	107	98	---	---	5	1.0	35
MERSCHMAN	NASHVILLE	36.5	---	---	---	---	---	---	110	---	---	---	5	1.0	35
	DELSOY 4500	29.4	41.4	26.4	43.9	35.4	32.4	35.3	89	90	92	94	5	1.0	31
HAMON	455 EXP	27.1	---	---	---	---	---	---	82	---	---	---	5	1.0	32
DELANGE	DS 485	33.8	---	---	---	---	---	---	102	---	---	---	5	1.0	33
	KS4694	35.5	49.8	29.6	47.6	42.6	38.3	40.6	107	109	103	102	5	1.0	30
MIDLAND	8475	29.7	45.8	---	---	37.7	---	---	90	100	---	---	6	1.0	30
OHLDE (M/W GEN)	4440	33.2	49.9	33.2	---	41.5	38.8	---	100	109	116	---	6	1.0	34
NeCo	7484	34.8	46.9	---	---	40.8	---	---	105	102	---	---	6	1.0	34
MIDLAND	EXP 48N	31.6	---	---	---	---	---	---	95	---	---	---	6	1.0	32
WILLCROSS	9447B	30.2	49.7	---	---	40.0	---	---	91	109	---	---	6	1.0	34
MYCOGEN	470	31.9	46.7	---	---	39.3	---	---	96	102	---	---	6	1.0	34
WILLCROSS	9447A	32.1	45.0	---	---	38.6	---	---	97	98	---	---	7	1.0	36
	K1235	35.0	49.8	33.2	---	42.4	39.4	---	106	109	116	---	7	1.0	28
NeCo	7465	36.7	---	---	---	---	---	---	111	---	---	---	7	1.0	33
	CRAWFORD	24.7	39.4	25.3	40.4	32.1	29.8	32.5	75	86	88	87	7	1.0	38
GOLDEN HARVEST	H-1485	32.9	---	---	---	---	---	---	99	---	---	---	7	1.0	35
	KS4895	33.4	---	---	---	---	---	---	101	---	---	---	7	1.0	31
OHLDE (M/W GEN)	4510	32.1	48.2	30.6	52.1	40.2	37.0	40.8	97	105	107	112	8	1.0	32
STINE	4680	36.6	48.6	29.5	---	42.6	38.2	---	111	106	103	---	8	1.0	33
STINE	4650	37.8	---	---	---	---	---	---	114	---	---	---	8	1.0	31
PIONEER	9491	33.1	44.2	---	---	38.6	---	---	100	96	---	---	8	1.0	24
WILLCROSS	9546	34.4	---	---	---	---	---	---	104	---	---	---	8	1.0	33
TERRA	TS474 (E474)	36.3	---	---	---	---	---	---	110	---	---	---	8	1.0	34
MERSCHMAN	ATLANTA III	36.9	51.2	30.4	---	44.0	39.5	---	112	112	106	---	9	1.0	34
TEST AVERAGES		33.1	45.8	28.6	46.6										
LSD (.1:'94-'95, .05:'92-'93)		3.3	3.0	2.7	3.4										
LSD (.1 BETWEEN MATURITY GROUPS)		3.5	3.3												

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 6. CHEROKEE COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		------1995------	
						MATURITY GROUPS II-III									
	KENWOOD 94	12.1	---	---	---	---	---	---	75	---	---	---	-18	1.0	23
	IA2007	20.0	---	---	---	---	---	---	124	---	---	---	-18	1.0	23
HOEGEMEYER	380	16.8	---	---	---	---	---	---	104	---	---	---	-11	1.0	23
	KS3494	15.2	46.6	30.4	44.6	30.9	30.7	34.2	94	102	102	104	-10	1.0	22
	RESNIK	16.6	44.4	23.3	36.0	30.5	28.1	30.1	103	97	79	84	-9	1.0	23
	SHERMAN	12.8	51.1	31.5	42.2	31.9	31.8	34.4	79	112	106	99	-8	1.0	24
	PROBST	15.6	42.5	---	---	29.0	---	---	96	93	---	---	-8	1.0	25
	MACON	17.3	---	---	---	---	---	---	107	---	---	---	-6	1.0	24
STINE	3680	17.4	52.8	---	---	35.1	---	---	108	115	---	---	-6	1.0	25
	EDISON	12.5	46.3	31.2	41.0	29.4	30.0	32.7	77	101	105	96	-5	1.0	23
MIDLAND	8393	16.4	48.0	32.1	---	32.2	32.2	---	101	105	108	---	-4	1.0	27
	KUNITZ	17.2	42.0	25.0	36.3	29.6	28.1	30.1	107	92	84	85	-4	1.0	27
	LINFORD	15.5	41.8	26.2	42.4	28.7	27.8	31.5	96	91	88	99	-3	1.0	29
NeCo	7392	15.5	47.4	---	---	31.5	---	---	96	103	---	---	-2	1.0	25
WILLCROSS	92B	18.1	48.1	---	---	33.1	---	---	112	105	---	---	-1	1.0	24
WILLCROSS	9540	17.3	---	---	---	---	---	---	107	---	---	---	-1	1.0	25
	WILLIAMS 82	16.4	41.3	33.3	38.5	28.9	30.4	32.4	102	90	112	90	-1	1.0	30
WILLCROSS	92A	19.9	46.1	34.6	49.6	33.0	33.5	37.6	123	101	117	116	1	1.0	24
TEST AVERAGES		16.1	45.8	29.7	42.8										
LSD (.1:'94-'95, .05:'92-'93)		3.2	3.8	7.2	4.3										
						MATURITY GROUP IV									
STINE	3680A	19.2	---	---	---	---	---	---	102	---	---	---	-2	1.0	25
	HAMILTON	20.3	47.1	34.6	---	33.7	34.0	---	108	97	99	---	-2	1.0	23
	CORSICA	14.3	48.2	33.1	42.1	31.3	31.9	34.4	77	100	94	90	-2	1.0	25
NORTHRUP-KING	S42-50	17.7	47.9	39.2	46.3	32.8	34.9	37.8	94	99	112	99	-1	1.0	23
TERRA	TS402	17.9	---	---	50.3	---	---	---	96	---	---	108	-1	1.3	24
MIDLAND	8413	18.3	53.2	37.1	---	35.7	36.2	---	98	110	106	---	-1	1.0	24
	STRESSLAND	20.0	46.6	---	---	33.3	---	---	107	96	---	---	0	1.0	27
	FLYER	17.4	45.6	34.8	41.8	31.5	32.6	34.9	93	94	99	90	9/28	1.0	24
MIDLAND	8410	16.3	50.1	40.1	48.6	33.2	35.5	38.8	87	103	114	104	0	1.0	24
	MAGELLAN	21.1	---	---	---	---	---	---	113	---	---	---	0	1.0	27
HOEGEMEYER	401	16.9	---	---	---	---	---	---	90	---	---	---	0	1.0	24
NC+	4A10	14.5	51.3	35.5	49.0	32.9	33.8	37.6	77	106	101	105	0	1.0	25
GOLDEN HARVEST	X 454 EXP	21.6	---	---	---	---	---	---	115	---	---	---	1	1.0	27
DEKALB	CX445	19.4	48.2	---	---	33.8	---	---	104	100	---	---	1	1.0	24
	K1231	18.1	50.5	34.4	---	34.3	34.3	---	97	104	98	---	1	1.0	24
ICI	D414	15.9	47.3	---	---	31.6	---	---	85	98	---	---	1	1.0	27
DEKALB	CX404	18.4	50.7	36.8	50.4	34.5	35.3	39.1	98	105	105	108	1	1.0	25
	KS4390	18.6	47.9	31.4	43.0	33.3	32.6	35.2	99	99	89	92	1	1.0	24
ASGROW	A4341	23.5	---	---	---	---	---	---	126	---	---	---	2	1.0	23
ICI	D454	22.1	44.7	37.6	---	33.4	34.8	---	118	92	107	---	2	1.0	26
AGRIPRO	EX 4400	16.6	---	---	---	---	---	---	89	---	---	---	2	1.0	26
	DELSOY 4500	22.2	44.9	34.0	45.4	33.5	33.7	36.6	119	93	97	97	2	1.0	26

(CONTINUED)

TABLE 6. CHEROKEE COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
MERSCHMAN	AUSTIN II	19.7	48.2	32.2	---	33.9	33.4	---	105	100	92	---	2	1.0	29
HOEGEMEYER	435	17.5	---	---	---	---	---	---	94	---	---	---	2	1.0	28
	MUSTANG	14.7	---	---	---	---	---	---	79	---	---	---	2	1.0	26
OHLDE (M/W GEN)	4367	20.0	47.7	---	---	33.8	---	---	107	99	---	---	2	1.0	27
	DELSOY 4210	12.9	42.5	30.2	43.6	27.7	28.5	32.3	69	88	86	94	3	1.0	28
DEKALB	CX434	16.9	---	---	---	---	---	---	91	---	---	---	3	1.0	26
DELANGE	DS 455	15.8	---	---	---	---	---	---	85	---	---	---	3	1.0	28
	KY88-5037	17.0	47.8	---	---	32.4	---	---	91	99	---	---	3	1.0	29
WILLCROSS	9547N	24.5	---	---	---	---	---	---	131	---	---	---	4	1.0	33
MIDLAND	EXP 491	23.0	50.3	---	---	36.7	---	---	123	104	---	---	4	1.0	24
	KS4694	17.2	49.9	35.7	47.4	33.6	34.3	37.6	92	103	102	102	4	1.0	23
OHLDE (M/W GEN)	4440	17.8	51.4	36.0	---	34.6	35.1	---	95	106	103	---	5	1.0	28
WILLCROSS	9447B	19.3	55.2	---	---	37.2	---	---	103	114	---	---	5	1.0	28
NORTHRUP-KING	S46-44	22.9	43.0	32.3	---	33.0	32.7	---	122	89	92	---	5	1.0	26
MERSCHMAN	DALLAS II	19.6	53.5	37.2	---	36.6	36.8	---	105	111	106	---	5	1.0	22
MERSCHMAN	DALLAS	17.6	45.8	35.6	53.6	31.7	33.0	38.2	94	95	101	115	5	1.3	29
MERSCHMAN	NASHVILLE	20.0	---	---	---	---	---	---	107	---	---	---	5	1.0	27
ASGROW	A4922	16.1	---	---	---	---	---	---	86	---	---	---	6	1.0	29
GOLDEN HARVEST	H-1485	16.6	---	---	---	---	---	---	89	---	---	---	6	1.0	27
WILLCROSS	9447A	17.9	54.7	---	---	36.3	---	---	96	113	---	---	6	1.0	27
ICI	D478	21.0	50.2	---	---	35.6	---	---	112	104	---	---	6	1.0	26
MIDLAND	EXP 481	19.9	---	---	---	---	---	---	106	---	---	---	6	1.0	27
NeCo	7484	17.5	49.7	---	---	33.6	---	---	94	103	---	---	6	1.0	29
WILLCROSS	9546	17.4	---	---	---	---	---	---	93	---	---	---	6	1.0	27
MIDLAND	8475	21.3	47.4	---	---	34.4	---	---	114	98	---	---	6	1.0	24
DELANGE	DS 485	18.8	---	---	---	---	---	---	100	---	---	---	6	1.0	27
MYCOGEN	470	18.0	---	---	---	---	---	---	96	---	---	---	6	1.0	28
	K1235	25.3	49.1	38.0	---	37.2	37.5	---	135	102	108	---	7	1.0	22
	CRAWFORD	16.1	42.3	32.4	45.7	29.2	30.3	34.1	86	87	92	98	7	1.3	32
OHLDE (M/W GEN)	4510	17.5	48.2	37.1	50.3	32.9	34.3	38.3	93	100	106	108	7	1.0	27
MIDLAND	EXP 48N	25.5	---	---	---	---	---	---	136	---	---	---	7	1.0	24
STINE	4650	13.4	---	---	---	---	---	---	72	---	---	---	7	1.0	26
NeCo	7465	17.9	---	---	---	---	---	---	95	---	---	---	7	1.0	27
WILLCROSS	9544N	21.8	---	---	---	---	---	---	117	---	---	---	7	1.0	25
	KS4895	22.4	47.2	38.8	47.3	34.8	36.1	38.9	120	114	107	100	8	1.0	27
PIONEER	9491	19.3	44.8	39.0	---	32.0	34.4	---	103	93	111	---	8	1.0	23
STINE	4680	17.6	---	---	---	---	---	---	94	---	---	---	10	1.0	29
TERRA	TS474 (E474)	15.7	---	---	---	---	---	---	84	---	---	---	11	1.0	28
MERSCHMAN	ATLANTA III	17.3	54.0	---	---	35.7	---	---	93	112	---	---	11	1.0	26
TEST AVERAGES		18.7	48.4	35.1	46.6										
LSD (.1:'94-'95, .05:'92-'93)		3.4	3.7	3.5	2.8										

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

(CONTINUED)

TABLE 6. CHEROKEE COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
						MATURITY GROUPS IVS-V									
	STAFFORD	23.4	43.1	36.0	46.4	33.2	34.1	37.2	107	104	99	98	6	1.0	24
	DELSOY 4710	16.1	44.8	33.0	---	30.5	31.3	---	74	108	91	---	6	1.0	29
	ESSEX	21.1	43.2	38.0	42.1	32.1	34.1	36.1	97	104	104	89	9	1.0	22
	DELSOY 4900	25.0	39.3	33.3	46.0	32.1	32.5	35.9	115	95	91	97	9	1.7	28
	K1218	25.5	43.9	41.4	55.5	34.7	36.9	41.6	117	106	114	117	10	1.3	23
	AVERY	21.6	38.8	29.5	44.5	30.2	30.0	33.6	99	93	81	94	10	2.0	38
GOLDEN HARVEST	X 500 EXP	22.6	---	---	---	---	---	---	104	---	---	---	10	1.3	25
PIONEER	9521	27.1	42.0	38.9	51.5	34.5	36.0	39.9	125	101	107	109	11	1.3	26
TERRA	TS504	19.7	---	---	---	---	---	---	90	---	---	---	11	1.3	22
DYNA-GRO	3502	22.8	---	---	---	---	---	---	105	---	---	---	12	1.3	25
	HOLLADAY	23.8	45.0	42.8	---	34.4	37.2	---	109	108	118	---	12	1.0	22
	MANOKIN	22.2	45.0	36.8	49.8	33.6	34.7	38.5	102	108	101	105	12	1.7	28
	KS5292	20.5	---	---	49.3	---	---	---	94	---	---	104	12	1.0	24
WILLCROSS	9552N	21.9	---	---	---	---	---	---	100	---	---	---	12	1.3	29
NORTHRUP-KING	S52-25	22.8	34.6	---	---	28.7	---	---	105	83	---	---	12	1.0	25
NC+	5A44	22.9	---	---	---	---	---	---	105	---	---	---	13	1.3	24
	HUTCHESON	20.6	42.6	38.4	45.0	31.6	33.8	36.6	94	103	105	95	14	1.0	23
	K1267	20.1	---	---	---	---	---	---	93	---	---	---	15	1.0	23
	K1277	18.4	---	---	---	---	---	---	85	---	---	---	15	1.0	23
	FORREST	21.5	37.3	33.9	47.9	29.4	30.9	35.1	99	90	93	101	16	1.3	32
	HARTWIG	21.1	31.9	32.5	44.8	26.5	28.5	32.6	97	77	89	95	16	1.7	27
	K1276	22.1	---	---	---	---	---	---	101	---	---	---	16	1.0	22
TEST AVERAGES		21.9	41.5	36.4	47.4										
LSD (.1:'94-'95, .05:'92-'93)		3.8	5.1	5.0	4.1										
LSD (.1 BETWEEN MATURITY GROUPS)		3.5	4.5												

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 7. REPUBLIC COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		1995	
						MATURITY GROUPS II-III									
MIDLAND	8286	53.7	---	---	---	---	---	---	119	---	---	---	-	1.0	25
STAR	CLASSIC	47.2	34.9	53.6	---	41.1	45.2	---	105	110	96	---	-	1.0	27
	IA2007	38.4	---	---	---	---	---	---	85	---	---	---	-	1.0	27
	KENWOOD 94	40.8	---	---	---	---	---	---	91	---	---	---	-	1.0	28
DEKALB	CX399	45.4	---	---	---	---	---	---	101	---	---	---	-	1.0	31
DYNA-GRO	3368	47.6	30.7	---	---	39.2	---	---	106	97	---	---	-	1.0	28
GOLDEN HARVEST	H-1309	40.5	---	---	---	---	---	---	90	---	---	---	-	1.0	23
MIDLAND	8325	47.3	---	---	---	---	---	---	105	---	---	---	-	1.0	27
MIDLAND	8340	48.1	32.2	59.3	54.8	40.1	46.5	48.6	107	102	107	95	-	1.0	30
MIDLAND	8343	44.9	32.8	53.1	60.0	38.9	43.6	47.7	100	104	96	104	-	1.0	37
MIDLAND	8355	49.9	31.5	---	---	40.7	---	---	111	100	---	---	-	1.0	31
MIDLAND	8375	47.9	29.9	---	---	38.9	---	---	107	95	---	---	-	1.0	24
MIDLAND	8393	43.2	30.7	53.1	60.0	36.9	42.3	46.7	96	97	96	104	-	1.0	37
MIDLAND	8356	45.5	---	---	---	---	---	---	101	---	---	---	-	1.0	29
NC+	3A75	46.4	---	---	---	---	---	---	103	---	---	---	-	1.0	28
NORTHRUP-KING	S30-06	45.5	---	56.5	---	---	---	---	101	---	102	---	-	1.0	25
OHLDE (M/W GEN)	3555	42.5	33.7	---	---	38.1	---	---	95	107	---	---	-	1.0	31
OHLDE (M/W GEN)	3580	46.4	33.0	---	---	39.7	---	---	103	104	---	---	-	1.0	29
OHLDE (M/W GEN)	3996	45.4	---	---	---	---	---	---	101	---	---	---	-	1.0	35
OHLDE (M/W GEN)	EXP X602	47.3	---	---	---	---	---	---	105	---	---	---	-	1.0	29
OHLDE (M/W GEN)	EXP X766	43.1	---	---	---	---	---	---	96	---	---	---	-	1.0	31
PIONEER	9341	49.9	36.0	60.9	62.7	43.0	48.9	52.4	111	114	110	109	-	1.0	28
PIONEER	9343	45.3	---	---	---	---	---	---	101	---	---	---	-	1.0	27
STAR	BOUNTY STS	41.5	---	---	---	---	---	---	92	---	---	---	-	1.0	32
STAR	CELEBRITY	40.4	37.4	56.5	---	38.9	44.8	---	90	118	102	---	-	1.0	27
STAR	EXPRESS II	53.0	---	---	---	---	---	---	118	---	---	---	-	1.0	29
STAR	GALAXY	39.3	33.6	58.2	60.4	36.5	43.7	47.9	88	106	105	105	-	1.0	28
STAR	QUEST	43.9	---	---	---	---	---	---	98	---	---	---	-	1.0	28
STINE	3680	45.6	---	---	---	---	---	---	101	---	---	---	-	1.0	31
WILLCROSS	92A	48.2	---	---	60.5	---	---	---	107	---	---	105	-	1.0	28
WILLCROSS	92B	40.1	---	---	---	---	---	---	89	---	---	---	-	1.0	32
WILLCROSS	9435A	40.4	---	---	---	---	---	---	90	---	---	---	-	1.0	27
WILLCROSS	9435B	46.1	---	---	---	---	---	---	103	---	---	---	-	1.0	29
	EDISON	41.4	29.7	56.0	59.8	35.6	42.4	46.7	92	94	101	104	-	1.0	27
	KS3494	42.8	30.5	60.5	58.1	36.7	44.6	48.0	95	96	109	101	-	1.0	31
	MACON	42.9	---	---	---	---	---	---	96	---	---	---	-	1.0	26
	PROBST	44.3	32.7	---	---	38.5	---	---	99	103	---	---	-	1.0	31
	RESNIK	48.7	30.0	54.6	61.6	39.3	44.4	48.7	108	95	98	107	-	1.0	27
	SHERMAN	44.5	30.5	---	---	37.5	---	---	99	97	---	---	-	1.0	30
	WILLIAMS 82	41.6	30.6	50.6	54.5	36.1	40.9	44.3	93	97	91	95	-	1.0	35
TEST AVERAGES		44.9	31.6	55.6	57.5										
LSD (.1:'94-'95, .05:'92-'93)		6.2	2.0	3.8	3.7										

(CONTINUED)

TABLE 7. REPUBLIC COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		1995	
						MATURITY GROUP IV									
DYNA-GRO	3400	39.7	---	---	---	---	---	---	97	---	---	---	-	1.0	32
MIDLAND	8410	37.8	27.9	58.6	60.0	32.8	41.4	46.1	93	97	107	107	-	1.0	29
MIDLAND	8413	34.1	26.3	62.6	---	30.2	41.0	---	83	91	114	---	-	1.0	29
MYCOGEN	470	42.3	---	---	---	---	---	---	103	---	---	---	-	1.0	35
OHLDE (M/W GEN)	4040	47.3	---	---	---	---	---	---	116	---	---	---	-	1.0	29
OHLDE (M/W GEN)	4367	38.6	29.0	---	---	33.8	---	---	94	100	---	---	-	1.0	34
OHLDE (M/W GEN)	4440	40.1	26.6	---	---	33.4	---	---	98	92	---	---	-	1.0	34
OHLDE (M/W GEN)	EXP X311	48.3	---	---	---	---	---	---	118	---	---	---	-	1.0	32
	CORSICA	44.0	28.4	56.5	53.1	36.2	43.0	45.5	108	98	103	95	-	1.0	33
	FLYER	43.7	28.8	56.0	53.9	36.3	42.8	45.6	107	100	102	96	-	1.0	29
	K1231	42.2	29.4	53.4	---	35.8	41.6	---	103	102	98	---	-	1.0	30
	K1235	46.2	26.2	54.4	---	36.2	42.3	---	113	91	99	---	-	1.0	31
	KS4390	37.0	28.0	58.9	55.8	32.5	41.3	44.9	90	97	108	100	-	1.0	34
	KS4694	40.8	29.0	58.3	---	34.9	42.7	---	100	101	106	---	-	1.0	32
	KY88-5037	38.9	28.7	---	---	33.8	---	---	95	99	---	---	-	1.0	36
	MAGELLAN	40.4	---	---	---	---	---	---	99	---	---	---	-	1.0	34
	STRESSLAND	34.1	27.9	---	---	31.0	---	---	83	97	---	---	-	1.0	34
TEST AVERAGES		40.9	28.9	54.8	55.9										
LSD (.1:'94-'95, .05:'92-'93)		NS	3.3	5.3	3.3										
LSD (.1 BETWEEN MATURITY GROUPS)		6.5	2.7												

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 8. REPUBLIC COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		1995	
						MATURITY GROUPS II-III									
MIDLAND	8286	49.0	---	---	---	---	---	---	88	---	---	---	-	1.0	27
	IA2007	47.6	---	---	---	---	---	---	85	---	---	---	-	1.0	32
	KENWOOD 94	53.0	---	---	---	---	---	---	95	---	---	---	-	1.0	31
ASGROW	A3834	60.1	---	---	---	---	---	---	108	---	---	---	-	1.0	32
DEKALB	CX377	59.1	79.7	---	---	69.4	---	---	106	112	---	---	-	1.0	37
GOLDEN HARVEST	H-1309	54.0	---	---	---	---	---	---	97	---	---	---	-	1.0	29
HOEGEMEYER	315	59.4	---	---	---	---	---	---	106	---	---	---	-	1.0	33
HOEGEMEYER	365	56.1	67.0	63.0	58.7	61.6	62.0	61.2	100	95	106	102	-	1.0	32
HOEGEMEYER	380	51.7	75.5	56.9	---	63.6	61.3	---	92	106	96	---	-	1.0	33
ICI	D371	52.1	71.3	59.5	---	61.7	61.0	---	93	101	101	---	-	1.0	34
ICI	D396	52.2	71.5	---	---	61.8	---	---	93	101	---	---	-	1.0	33
MIDLAND	8325	60.4	---	---	---	---	---	---	108	---	---	---	-	1.0	30
MIDLAND	8340	53.7	---	62.5	55.5	---	---	---	96	---	106	97	-	1.0	36
MIDLAND	8343	53.6	69.0	55.9	58.3	61.3	59.5	59.2	96	97	94	102	-	1.0	41
MIDLAND	8355	57.7	80.2	---	---	68.9	---	---	103	113	---	---	-	1.0	30
MIDLAND	8375	55.1	68.7	---	---	61.9	---	---	99	97	---	---	-	1.0	31
MIDLAND	8393	50.0	64.3	56.8	62.2	57.1	57.0	58.3	89	91	96	109	-	1.0	39
MIDLAND	8356	52.1	---	---	---	---	---	---	93	---	---	---	-	1.0	35
MYCOGEN	395	57.5	---	---	---	---	---	---	103	---	---	---	-	1.0	34
NC+	3A44	58.6	---	---	---	---	---	---	105	---	---	---	-	1.0	29
NORTHRUP-KING	S30-06	49.9	---	---	---	---	---	---	89	---	---	---	-	1.0	34
OHLDE (M/W GEN)	3431A	52.9	---	---	---	---	---	---	95	---	---	---	-	1.0	40
OHLDE (M/W GEN)	3555	60.0	73.7	---	---	66.9	---	---	107	104	---	---	-	1.0	34
OHLDE (M/W GEN)	3580	53.3	74.1	64.3	---	63.7	63.9	---	95	104	109	---	-	1.0	31
OHLDE (M/W GEN)	3750A	57.3	72.4	55.5	58.4	64.8	61.7	60.9	103	102	94	102	-	1.0	40
OHLDE (M/W GEN)	3996	61.0	---	---	---	---	---	---	109	---	---	---	-	1.0	37
OHLDE (M/W GEN)	EXP X602	53.3	---	---	---	---	---	---	95	---	---	---	-	1.0	34
OHLDE (M/W GEN)	EXP X766	58.7	---	---	---	---	---	---	105	---	---	---	-	1.0	36
PIONEER	9321	62.3	---	---	---	---	---	---	111	---	---	---	-	1.0	36
PIONEER	9341	57.0	77.3	64.5	56.5	67.1	66.3	63.8	102	109	109	99	-	1.0	33
STAR	BOUNTY STS	57.1	---	---	---	---	---	---	102	---	---	---	-	1.0	40
STAR	CELEBRITY	56.2	68.9	58.0	---	62.6	61.0	---	101	97	98	---	-	1.0	29
STAR	EXPRESS II	58.5	---	---	---	---	---	---	105	---	---	---	-	1.0	32
STAR	GALAXY	58.0	79.5	56.8	61.1	68.8	64.8	63.9	104	112	96	107	-	1.0	34
STAR	QUEST	60.0	---	---	---	---	---	---	107	---	---	---	-	1.0	30
STINE	3680	55.5	---	---	---	---	---	---	99	---	---	---	-	1.0	35
	EDISON	56.0	71.4	53.3	58.5	63.7	60.2	59.8	100	101	90	102	-	1.0	33
	KS3494	60.8	77.7	64.0	58.1	69.2	67.5	65.1	109	110	108	101	-	1.0	35
	KUNITZ	51.2	62.4	53.4	55.8	56.8	55.7	55.7	92	88	90	97	-	1.0	39
	MACON	62.7	---	---	---	---	---	---	112	---	---	---	-	1.0	33
	PROBST	57.9	72.7	---	---	65.3	---	---	104	103	---	---	-	1.0	34
	RESNIK	53.3	65.1	56.1	55.3	59.2	58.2	57.5	95	92	95	97	-	1.0	34
	SHERMAN	61.2	72.7	58.3	63.9	66.9	64.0	64.0	109	103	98	112	-	1.0	35
	WILLIAMS 82	50.8	65.5	50.1	56.8	58.1	55.5	55.8	91	92	85	99	-	1.0	41
TEST AVERAGES		55.9	70.9	59.2	57.3										
LSD (.1:'94-'95, .05:'92-'93)		4.9	8.5	3.7	3.3										

(CONTINUED)

TABLE 8. REPUBLIC COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		------1995------	
						MATURITY GROUP IV									
DEKALB	CX404	55.7	82.1	59.2	57.7	68.9	65.6	63.7	102	115	109	102	-	1.0	32
DEKALB	CX411	62.2	80.8	---	---	71.5	---	---	114	114	---	---	-	1.0	32
HOEGEMEYER	401	59.8	77.3	59.0	---	68.6	65.4	---	110	109	108	---	-	1.0	34
MIDLAND	8410	58.4	76.9	58.6	55.7	67.7	64.6	62.4	107	108	108	99	-	1.0	34
MIDLAND	8413	51.4	72.1	56.8	61.8	61.8	60.1	60.5	94	101	104	109	-	1.0	37
NC+	4A10	58.1	---	---	---	---	---	---	107	---	---	---	-	1.0	34
NORTHRUP-KING	S42-60	54.9	77.6	---	---	66.2	---	---	101	109	---	---	-	1.0	36
OHLDE (M/W GEN)	4040	57.4	75.0	60.7	---	66.2	64.4	---	105	105	111	---	-	1.0	35
OHLDE (M/W GEN)	EXP X311	56.1	---	---	---	---	---	---	103	---	---	---	-	1.0	34
STINE	3680A	51.7	---	---	---	---	---	---	95	---	---	---	-	1.0	35
	CORSICA	55.0	68.6	54.5	54.8	61.8	59.4	58.2	101	96	100	97	-	1.0	34
	FLYER	52.9	66.9	51.1	53.9	59.9	57.0	56.2	97	94	94	95	-	1.0	36
	K1231	59.7	76.1	51.0	---	67.9	62.3	---	110	107	94	---	-	1.0	32
	K1235	50.2	61.2	55.4	---	55.7	55.6	---	92	86	102	---	-	1.0	33
	KS4390	49.6	68.4	48.4	52.6	59.0	55.4	54.7	91	96	89	93	-	1.0	37
	KS4694	48.1	51.1	54.3	56.4	49.6	51.2	52.5	88	72	100	100	-	1.0	36
	KY88-5037	49.0	69.9	---	---	59.5	---	---	90	98	---	---	-	1.0	42
	MAGELLAN	57.3	---	---	---	---	---	---	105	---	---	---	-	1.0	39
	STRESSLAND	47.8	74.1	---	---	60.9	---	---	88	104	---	---	-	1.0	40
TEST AVERAGES		54.5	71.2	54.5	56.5										
LSD (.1:'94-'95, .05:'92-'93)		5.5	8.2	4.9	4.4										
LSD (.1 BETWEEN MATURITY GROUPS)		5.5	10.4												

LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 9. HARVEY COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		------1995------	
						MATURITY GROUPS II-III									
	KENWOOD 94	22.7	---	---	---	---	---	---	93	---	---	---	-15	1.2	28
	IA2007	25.0	---	---	---	---	---	---	102	---	---	---	-12	1.0	27
OHLDE (M/W GEN)	EXP X602	25.2	---	---	---	---	---	---	103	---	---	---	-12	1.1	30
NORTHRUP-KING	S30-06	24.9	---	---	---	---	---	---	102	---	---	---	-9	1.0	29
MIDLAND	8340	26.1	24.7	33.3	31.0	25.4	28.1	28.8	107	122	104	101	-6	1.1	31
	KS3494	24.0	20.1	32.0	33.4	22.1	25.4	27.4	98	100	99	109	-5	1.0	31
	RESNIK	25.9	19.2	33.5	36.5	22.5	26.2	28.8	106	95	104	119	-5	1.1	29
	WILLIAMS 82	20.9	17.1	30.5	24.0	19.0	22.8	23.1	86	84	95	78	-5	1.2	35
	SHERMAN	25.3	19.6	33.6	---	22.4	26.1	---	103	97	104	---	-4	1.1	30
MIDLAND	8355	24.1	20.8	---	---	22.4	---	---	98	103	---	---	-4	1.1	28
PIONEER	9362	30.3	24.4	---	---	27.4	---	---	124	121	---	---	-4	1.0	29
DYNA-GRO	3340	23.0	---	---	---	---	---	---	94	---	---	---	-4	1.1	31

(CONTINUED)

TABLE 9. HARVEY COUNTY SOYBEAN PERFORMANCE (DRYLAND), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		1995	
OHLDE (M/W GEN)	EXP X766	25.5	---	---	---	---	---	---	104	---	---	---	-3	1.0	33
	MACON	23.3	---	---	---	---	---	---	95	---	---	---	-3	1.1	32
MIDLAND	8375	26.4	20.1	---	---	23.2	---	---	108	99	---	---	-3	1.0	28
WILSON	3670	24.2	---	---	---	---	---	---	99	---	---	---	-2	1.0	29
MIDLAND	8356	22.9	---	---	---	---	---	---	93	---	---	---	-2	1.2	30
DYNA-GRO	3368	25.7	---	---	---	---	---	---	105	---	---	---	-2	1.1	30
STAR	EXPRESS II	24.8	---	---	---	---	---	---	101	---	---	---	-2	1.0	27
	PROBST	23.0	20.4	---	---	21.7	---	---	94	101	---	---	-2	1.1	29
OHLDE (M/W GEN)	3555	23.0	17.7	---	---	20.3	---	---	94	87	---	---	-2	1.1	29
PIONEER	9391	23.7	21.3	33.7	28.5	22.5	26.2	26.8	97	105	105	93	-2	1.2	33
OHLDE (M/W GEN)	3580	23.8	19.0	---	---	21.4	---	---	97	94	---	---	-1	1.0	29
	EDISON	24.4	17.5	31.9	33.3	21.0	24.6	26.8	100	87	99	108	0	1.0	30
OHLDE (M/W GEN)	3996	23.0	---	---	---	---	---	---	94	---	---	---	0	1.1	28
PIONEER	9393	22.7	---	30.8	---	---	---	---	93	---	96	---	0	1.1	29
MIDLAND	8393	24.7	17.3	32.9	---	21.0	25.0	---	101	85	102	---	2	1.5	34
STAR	GALAXY	26.2	---	---	---	---	---	---	107	---	---	---	2	1.0	31
ASGROW	A3834	24.7	---	---	---	---	---	---	101	---	---	---	5	1.1	27
TEST AVERAGES		24.5	20.2	32.2	30.7										
LSD (.1:'94-'95, .05:'92-'93)		2.3	1.7	2.1	4.6										
						MATURITY GROUP IV									
	CORSICA	24.7	23.2	30.9	29.8	23.9	26.3	27.2	100	113	96	103	-2	1.1	32
	STRESSLAND	24.7	22.1	---	---	23.4	---	---	100	107	---	---	-1	1.2	35
ASGROW	A4045	22.2	19.0	---	---	20.6	---	---	90	92	---	---	0	1.2	33
OHLDE (M/W GEN)	EXP X311	24.6	---	---	---	---	---	---	99	---	---	---	0	1.0	34
WILSON	4010	25.8	---	---	---	---	---	---	104	---	---	---	0	1.1	32
	FLYER	24.3	21.8	32.3	32.3	23.0	26.1	27.7	98	106	100	111	10/6	1.0	32
OHLDE (M/W GEN)	4040	27.8	---	---	---	---	---	---	112	---	---	---	1	1.0	32
NORTHRUP-KING	S42-50	26.7	24.4	---	---	25.5	---	---	108	118	---	---	2	1.0	33
	KS4390	22.1	19.6	30.4	23.8	20.8	24.0	24.0	89	95	94	82	2	1.4	33
DELANGE	DS 410	25.7	---	---	---	---	---	---	104	---	---	---	2	1.1	33
	SPARKS	19.6	17.3	28.8	24.5	18.4	21.9	22.5	79	84	89	84	2	1.3	36
MIDLAND	8410	23.4	22.5	34.5	35.2	23.0	26.8	28.9	94	110	107	121	3	1.1	30
	MAGELLAN	24.2	---	---	---	---	---	---	97	---	---	---	3	1.3	33
	K1231	23.3	21.7	32.4	---	22.5	25.8	---	94	105	100	---	4	1.1	32
MIDLAND	8413	25.9	20.7	32.5	---	23.3	26.3	---	104	100	101	---	4	1.2	31
DYNA-GRO	3410	25.8	19.7	---	---	22.7	---	---	104	96	---	---	4	1.0	33
OHLDE (M/W GEN)	4367	27.1	23.3	---	---	25.2	---	---	109	113	---	---	6	1.1	34
	KY88-5037	22.6	17.1	---	---	19.9	---	---	91	83	---	---	6	1.8	38
OHLDE (M/W GEN)	4440	25.0	19.5	---	---	22.3	---	---	101	95	---	---	8	1.7	34
	KS4694	24.7	21.8	34.4	29.5	23.3	27.0	27.6	100	106	107	102	8	1.1	34
	K1235	30.4	21.8	30.5	---	26.1	27.6	---	123	106	95	---	10	1.5	29
TEST AVERAGES		24.8	20.6	32.3	29.0										
LSD (.1:'94-'95, .05:'92-'93)		2.6	1.7	2.8	3.9										
LSD (.1 BETWEEN MATURITY GROUPS)		2.4	1.9												

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 10. STAFFORD COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
						MATURITY GROUPS II-III									
	KENWOOD 94	42.5	---	---	---	---	---	---	86	---	---	---	-11	1.0	28
	IA2007	41.0	---	---	---	---	---	---	83	---	---	---	-9	1.0	31
GREAT LAKES	GL 3145	51.7	54.4	---	---	53.1	---	---	105	109	---	---	-9	1.0	31
	KS3494	49.8	50.9	38.8	53.6	50.3	46.5	48.3	101	102	93	102	-9	1.0	30
PIONEER	9362	47.6	52.0	---	---	49.8	---	---	97	104	---	---	-8	1.0	30
	SHERMAN	46.9	55.2	---	---	51.0	---	---	95	110	---	---	-8	1.0	31
WILSON	3670	48.9	---	---	---	---	---	---	99	---	---	---	-7	1.0	31
	RESNIK	47.3	49.2	34.2	55.4	48.3	43.6	46.5	96	98	82	105	-7	1.0	30
STAR	CELEBRITY	46.7	46.2	40.7	---	46.5	44.5	---	95	92	98	---	-5	1.0	28
HOEGEMEYER	380	54.6	---	---	---	---	---	---	111	---	---	---	-5	1.3	30
NORTHRUP-KING	S35-35	47.1	49.3	42.1	---	48.2	46.2	---	96	99	101	---	-5	1.0	32
OHLDE (M/W GEN)	3580	46.5	53.0	40.9	---	49.8	46.8	---	94	106	98	---	-5	1.0	33
	PROBST	49.9	47.6	---	---	48.7	---	---	101	95	---	---	-5	1.5	33
MIDLAND	8375	52.4	55.2	---	---	53.8	---	---	106	110	---	---	-4	1.0	30
DEKALB	CX399	46.5	---	---	---	---	---	---	94	---	---	---	-4	1.8	31
GREAT LAKES	GL 3558	45.1	---	---	---	---	---	---	92	---	---	---	-4	1.0	30
MIDLAND	8356	53.0	---	---	---	---	---	---	108	---	---	---	-4	1.0	35
OHLDE (M/W GEN)	3996	56.2	---	---	---	---	---	---	114	---	---	---	-3	1.8	31
OHLDE (M/W GEN)	EXP X766	46.6	---	---	---	---	---	---	95	---	---	---	-3	1.0	33
MIDLAND	8355	49.9	49.6	---	---	49.8	---	---	101	99	---	---	-3	1.0	29
NORTHRUP-KING	S39-41	50.5	---	42.0	---	---	---	---	103	---	101	---	-3	1.5	31
	MACON	62.2	---	---	---	---	---	---	126	---	---	---	-3	1.5	32
PIONEER	9391	43.1	47.6	46.4	56.4	45.3	45.7	48.4	88	95	111	107	-3	1.5	32
STINE	3260	50.7	54.5	---	---	52.6	---	---	103	109	---	---	-3	1.3	34
OHLDE (M/W GEN)	EXP X602	47.8	---	---	---	---	---	---	97	---	---	---	-3	1.3	31
NC+	3A44	53.4	56.3	---	---	54.9	---	---	108	113	---	---	-3	1.8	28
OHLDE (M/W GEN)	3555	47.3	56.0	---	---	51.7	---	---	96	112	---	---	-2	1.3	33
DELANGE	DS 390	47.7	43.7	43.2	54.0	45.7	44.8	47.1	97	87	104	102	-2	1.0	36
STAR	EXPRESS II	56.5	---	---	---	---	---	---	115	---	---	---	-2	1.3	29
OHLDE (M/W GEN)	3750A	47.6	45.9	45.2	55.2	46.7	46.2	48.5	97	92	109	105	-2	1.8	37
STINE	3660	48.3	---	---	---	---	---	---	98	---	---	---	-2	1.0	29
MIDLAND	8393	45.3	44.2	---	---	44.8	---	---	92	88	---	---	-2	1.3	35
	EDISON	46.5	49.4	40.7	53.9	48.0	45.5	47.6	94	99	98	102	-2	1.3	29
STAR	QUEST	53.6	---	---	---	---	---	---	109	---	---	---	-2	1.0	29
PIONEER	9393	52.2	---	41.5	---	---	---	---	106	---	99	---	-1	1.5	34
OHLDE (M/W GEN)	3431A	52.4	---	---	---	---	---	---	106	---	---	---	-1	1.3	32
STAR	GALAXY	55.0	52.6	46.2	58.5	53.8	51.2	53.1	112	105	111	111	0	1.3	33
	WILLIAMS 82	43.1	36.8	41.4	46.1	40.0	40.5	41.9	88	74	99	87	1	1.3	34
STAR	BOUNTY STS	46.8	---	---	---	---	---	---	95	---	---	---	2	1.5	39
ASGROW	A3834	49.6	---	---	---	---	---	---	101	---	---	---	2	1.0	30
TEST AVERAGES		49.2	50.0	41.7	52.8										
LSD (.1:'94-'95, .05:'92-'93)		5.7	4.8	NS	5.0										

(CONTINUED)

TABLE 10. STAFFORD COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95. (CONTINUED)

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992		1995	
						MATURITY GROUP IV									
	CORSICA	52.2	50.0	38.9	52.6	51.1	47.0	48.4	102	103	92	92	-2	1.3	36
OHLDE (M/W GEN)	4040	55.6	52.3	46.7	60.2	53.9	51.5	53.7	109	108	111	106	-2	1.5	34
STINE	3680A	56.2	---	---	---	---	---	---	110	---	---	---	-2	1.0	35
OHLDE (M/W GEN)	EXP X311	48.0	---	---	---	---	---	---	94	---	---	---	-2	1.0	35
HOEGEMEYER	401	56.2	---	---	---	---	---	---	110	---	---	---	-2	1.8	34
NC+	4A10	58.9	57.8	44.9	57.7	58.4	53.9	54.8	115	119	106	101	-1	1.3	35
WILSON	4010	57.3	---	---	---	---	---	---	112	---	---	---	-1	1.3	35
	K1231	50.8	50.8	37.7	---	50.8	46.4	---	99	105	89	---	-1	1.0	33
	KS4390	41.8	42.9	36.6	52.4	42.3	40.4	43.4	82	89	87	92	-1	1.8	35
GREAT LAKES	GL 4015	53.6	---	---	---	---	---	---	105	---	---	---	-1	1.5	35
DELANGE	DS 410	48.9	---	---	---	---	---	---	95	---	---	---	-1	1.0	35
	STRESSLAND	54.0	51.9	---	---	53.0	---	---	105	107	---	---	0	1.8	38
	FLYER	52.3	49.7	42.5	57.7	51.0	48.2	50.6	102	103	101	101	10/5	1.5	33
DEKALB	CX445	49.1	---	---	---	---	---	---	96	---	---	---	0	1.5	33
NORTHRUP-KING	S42-60	56.5	52.8	40.0	---	54.7	49.8	---	110	109	95	---	1	1.8	37
STINE	4650	50.6	---	---	---	---	---	---	99	---	---	---	1	1.5	34
DEKALB	CX404	54.5	54.8	46.5	60.5	54.7	51.9	54.1	106	113	110	106	1	1.5	35
	KS4694	47.6	37.3	39.5	55.6	42.4	41.5	45.0	93	77	94	98	2	1.5	37
ASGROW	A4045	52.1	49.6	---	---	50.9	---	---	102	102	---	---	3	1.5	36
	MAGELLAN	46.0	---	---	---	---	---	---	90	---	---	---	3	1.5	36
HOEGEMEYER	435	50.7	---	---	---	---	---	---	99	---	---	---	3	1.8	34
	KY88-5037	41.3	39.2	---	---	40.2	---	---	81	81	---	---	4	1.0	40
	K1235	44.0	47.8	41.0	---	45.9	44.3	---	86	99	97	---	4	1.0	36
TEST AVERAGES		51.2	48.5	42.2	57.0										
LSD (.1:'94-'95, .05:'92-'93)		4.9	5.1	5.4	5.8										
LSD (.1 BETWEEN MATURITY GROUPS)		5.6	5.5												

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 11. THOMAS COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1991-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1992	1991	2-Yr	3-Yr	4-Yr	1995	1994	1992	1991		1995	
						MATURITY GROUP II									
NC+	2A91	37.8	---	---	---	---	---	---	103	---	---	---	-	3.0	26
OHLDE (M/W GEN)	2650	32.1	73.0	---	---	52.5	---	---	87	107	---	---	-	1.8	23
OHLDE (M/W GEN)	2930	39.2	72.1	---	---	55.6	---	---	107	106	---	---	-	2.5	26
OHLDE (M/W GEN)	EXP X2825	37.7	71.9	---	---	54.8	---	---	103	106	---	---	-	2.3	24
OHLDE (M/W GEN)	EXP X674	36.6	---	---	---	---	---	---	100	---	---	---	-	2.5	27
OHLDE (M/W GEN)	EXP X804	38.8	---	---	---	---	---	---	106	---	---	---	-	2.5	25
OHLDE (M/W GEN)	EXP X819	37.5	---	---	---	---	---	---	102	---	---	---	-	3.8	27
	IA2007	36.6	---	---	---	---	---	---	100	---	---	---	-	2.0	27
	KENWOOD 94	34.4	---	---	---	---	---	---	94	---	---	---	-	2.5	27
TEST AVERAGES		36.7	68.1	54.4	70.6										
LSD (.1:'94-'95, .05:'91-'92)		NS	6.6	3.2	6.2										
						MATURITY GROUPS III-IV									
MIDLAND	8340	35.1	---	---	---	---	---	---	102	---	---	---	-	3.5	29
MIDLAND	8355	36.0	---	---	---	---	---	---	105	---	---	---	-	2.8	26
MIDLAND	8356	37.9	---	---	---	---	---	---	110	---	---	---	-	3.3	29
NC+	3A25	35.3	---	---	---	---	---	---	102	---	---	---	-	3.5	26
NORTHRUP-KING	S30-06	44.4	71.5	---	---	57.9	---	---	129	100	---	---	-	1.5	26
NORTHRUP-KING	S35-35	31.6	---	---	---	---	---	---	92	---	---	---	-	2.5	27
OHLDE (M/W GEN)	3000	38.7	75.3	---	---	57.0	---	---	112	105	---	---	-	3.3	30
OHLDE (M/W GEN)	3250	37.0	75.3	---	---	56.1	---	---	107	105	---	---	-	3.5	26
STINE	3510	38.8	76.1	---	---	57.4	---	---	113	106	---	---	-	3.0	26
STINE	3680	31.9	---	---	---	---	---	---	93	---	---	---	-	4.5	28
	EDISON	32.7	75.7	54.6	74.7	54.2	54.3	59.4	95	106	97	100	-	3.3	27
	KS3494	40.9	73.7	60.1	77.5	57.3	58.2	63.0	119	103	106	103	-	3.8	27
	MACON	37.3	---	---	---	---	---	---	108	---	---	---	-	2.0	26
	PROBST	37.7	73.5	---	---	55.6	---	---	110	103	---	---	-	2.8	27
	RESNIK	35.0	69.2	51.6	71.5	52.1	51.9	56.8	102	97	91	95	-	2.3	28
	SHERMAN	36.3	76.1	---	---	56.2	---	---	105	106	---	---	-	3.0	28
	WILLIAMS 82	30.6	61.9	49.5	65.4	46.2	47.3	51.8	89	87	88	87	-	3.3	31
	CORSICA	28.0	81.0	58.5	76.2	54.5	55.8	60.9	81	113	104	102	-	3.5	28
	FLYER	34.2	68.4	52.6	74.2	51.3	51.7	57.4	99	96	93	99	-	2.8	29
	K1231	35.6	66.1	---	---	50.9	---	---	104	92	---	---	-	3.0	28
	K1235	31.8	72.1	---	---	51.9	---	---	92	101	---	---	-	3.5	29
	KS4694	26.7	67.3	---	70.8	47.0	---	---	78	94	---	95	-	4.0	32
	KY88-5037	26.3	63.0	---	---	44.6	---	---	76	88	---	---	-	3.8	32
	MAGELLAN	27.2	---	---	---	---	---	---	79	---	---	---	-	3.5	30
	STRESSLAND	33.8	71.2	---	---	52.5	---	---	98	100	---	---	-	3.3	31
TEST AVERAGES		34.4	71.5	56.5	74.9										
LSD (.1:'94-'95, .05:'91-'92)		5.3	5.1	3.7	4.0										
LSD (.1 BETWEEN MATURITY GROUPS)		7.5	6.1												

LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 12. FINNEY COUNTY SOYBEAN PERFORMANCE (IRRIGATED), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
						MATURITY GROUPS II-III									
	IA2007	28.3	---	---	---	---	---	---	85	---	---	---	-	1.0	-
	KENWOOD 94	31.7	---	---	---	---	---	---	95	---	---	---	-	1.0	-
ASGROW	A3510	37.7	63.4	---	---	50.5	---	---	113	112	---	---	-	1.0	-
ASGROW	A3834	34.2	---	---	---	---	---	---	103	---	---	---	-	1.0	-
DRUSSEL	DSS 3880	28.1	51.9	---	---	40.0	---	---	84	92	---	---	-	1.0	-
DRUSSEL	DSS EXP 43580	33.5	55.5	---	---	44.5	---	---	101	98	---	---	-	1.0	-
GOLDEN HARVEST	H-1388	35.4	68.2	53.1	---	51.8	52.2	---	106	120	105	---	-	1.0	-
MIDLAND	8355	30.3	56.2	---	---	43.3	---	---	91	99	---	---	-	1.0	-
MIDLAND	8393	39.9	69.3	---	---	54.6	---	---	120	122	---	---	-	1.0	-
MIDLAND	8356	34.9	---	---	---	---	---	---	105	---	---	---	-	1.0	-
NORTHRUP-KING	S39-41	40.6	---	---	---	---	---	---	122	---	---	---	-	1.0	-
OHLDE (M/W GEN)	3431A	39.5	63.8	63.5	---	51.6	55.6	---	119	113	125	---	-	1.0	-
OHLDE (M/W GEN)	3555	32.1	70.7	---	---	51.4	---	---	96	125	---	---	-	1.0	-
OHLDE (M/W GEN)	3996	38.4	---	---	---	---	---	---	115	---	---	---	-	1.0	-
PIONEER	9362	28.2	42.0	---	---	35.1	---	---	85	74	---	---	-	1.0	-
PIONEER	9381	30.1	49.7	49.8	---	39.9	43.2	---	91	88	98	---	-	1.0	-
PIONEER	9393	37.7	58.9	53.6	---	48.3	50.1	---	113	104	106	---	-	1.0	-
STINE	3570	41.7	---	---	---	---	---	---	125	---	---	---	-	1.0	-
STINE	3680	39.2	---	---	---	---	---	---	118	---	---	---	-	1.0	-
STINE	EX2970 EXP	27.1	---	---	---	---	---	---	81	---	---	---	-	1.0	-
	EDISON	34.7	57.1	56.4	30.8	45.9	49.4	44.8	104	101	111	89	-	1.0	-
	K1281	32.2	---	---	---	---	---	---	97	---	---	---	-	1.0	-
	KS3494	31.5	62.5	52.0	35.3	47.0	48.7	45.3	95	110	103	102	-	1.0	-
	MACON	27.9	---	---	---	---	---	---	84	---	---	---	-	1.0	-
	PROBST	28.4	43.6	---	---	36.0	---	---	85	77	---	---	-	1.0	-
	RESNIK	29.0	52.1	43.6	35.8	40.5	41.6	40.1	87	92	86	103	-	1.0	-
	SHERMAN	26.9	54.6	---	---	40.8	---	---	81	96	---	---	-	1.0	-
	WILLIAMS 82	32.6	53.7	48.3	33.9	43.2	44.9	42.1	98	95	95	98	-	1.0	-
TEST AVERAGES		33.3	56.7	50.8	34.7										
LSD (.1:'94-'95, .05:'92-'93)		6.0	9.2	7.7	5.9										
						MATURITY GROUP IV									
DEKALB	CX411	37.3	66.8	---	---	52.0	---	---	102	117	---	---	-	1.0	-
DEKALB	CX445	41.8	---	---	---	---	---	---	114	---	---	---	-	1.0	-
MIDLAND	8410	31.1	---	---	---	---	---	---	85	---	---	---	-	1.0	-
MIDLAND	8413	34.2	65.3	---	---	49.7	---	---	93	115	---	---	-	1.0	-
PIONEER	9411	41.8	---	---	---	---	---	---	114	---	---	---	-	1.0	-
STINE	3680A	31.5	---	---	---	---	---	---	86	---	---	---	-	1.0	-
	CORSICA	35.2	53.5	37.8	37.1	44.4	42.2	40.9	96	94	85	80	-	1.0	-
	FLYER	33.3	49.5	49.1	47.2	41.4	44.0	44.8	91	87	110	102	-	1.0	-
	K1231	38.8	56.1	45.1	---	47.5	46.7	---	106	99	101	---	-	1.0	-
	K1235	40.5	65.4	46.9	---	52.9	50.9	---	111	115	106	---	-	1.0	-
	K1278	37.2	---	---	---	---	---	---	102	---	---	---	-	1.0	-
	K1279	36.2	---	---	---	---	---	---	99	---	---	---	-	1.0	-
	K1280	31.4	---	---	---	---	---	---	86	---	---	---	-	1.0	-
	KS4390	39.3	61.4	48.0	43.2	50.3	49.6	48.0	107	108	108	94	-	1.0	-
	KS4694	36.9	53.7	49.5	---	45.3	46.7	---	101	94	111	---	-	1.0	-
	KY88-5037	28.4	55.2	---	---	41.8	---	---	77	97	---	---	-	1.0	-
	MAGELLAN	33.8	---	---	---	---	---	---	92	---	---	---	-	1.0	-
	SPARKS	37.1	60.2	55.1	---	48.7	50.8	---	101	106	124	---	-	1.0	-
	STRESSLAND	49.8	58.3	---	---	54.0	---	---	136	102	---	---	-	1.0	-
TEST AVERAGES		36.6	56.9	44.5	46.2										
LSD (.1:'94-'95, .05:'92-'93)		4.7	10.6	11.3	9.8										
LSD (.1 BETWEEN MATURITY GROUPS)		5.7	11.1												

TABLE 13. CHEROKEE COUNTY SOYBEAN PERFORMANCE ON SOIL INFESTED WITH SOYBEAN CYST NEMATODE, RACE 3 (DRYLAND), 1992-95.

		YIELD (Bu/A)							YIELD AS % OF TEST AVERAGE				MAT	LODGING SCORE	HT IN
BRAND	ENTRY	1995	1994	1993	1992	2-Yr	3-Yr	4-Yr	1995	1994	1993	1992	------1995------		
						MATURITY GROUPS IV-V									
NeCo	7395N	25.3	---	---	---	---	---	---	94	---	---	---	-2	1.0	26
PIONEER	9444	23.1	---	---	---	---	---	---	86	---	---	---	-1	1.0	22
	STRESSLAND	19.3	---	---	---	---	---	---	72	---	---	---	-1	1.0	23
MERSCHMAN	RICHMOND III	27.0	---	---	---	---	---	---	100	---	---	---	0	1.0	25
GOLDEN HARVEST	X 454 EXP	25.6	---	---	---	---	---	---	95	---	---	---	0	1.0	23
MYCOGEN	429	25.6	---	---	---	---	---	---	95	---	---	---	0	1.0	25
	FLYER	18.1	20.2	18.8	16.0	19.2	18.8	18.1	67	57	64	51	10/1	1.0	21
TERRA	TS4292 (E4292)	27.3	34.8	---	---	31.0	---	---	101	98	---	---	0	1.0	22
NC+	4A27	30.3	41.3	---	---	35.8	---	---	112	116	---	---	0	1.0	22
	DELSOY 4210	24.4	38.8	---	---	31.6	---	---	90	109	---	---	1	1.0	28
DEKALB	CX469C	27.3	34.5	---	---	30.9	---	---	101	97	---	---	1	1.0	28
NORTHRUP-KING	S46-44	27.3	33.6	---	---	30.5	---	---	102	95	---	---	1	1.0	24
NeCo	7415N	28.5	---	---	---	---	---	---	106	---	---	---	1	1.0	23
	DELSOY 4500	26.4	36.4	---	---	31.4	---	---	98	102	---	---	2	1.0	24
NeCo	7445N	28.0	---	---	---	---	---	---	104	---	---	---	2	1.0	23
TERRA	TS4792 (E4792)	27.5	33.8	33.4	---	30.7	31.6	---	102	95	113	---	2	1.3	31
MIDLAND	EXP 453	27.5	---	---	---	---	---	---	102	---	---	---	3	1.0	27
MERSCHMAN	HOUSTON III	25.2	35.9	---	---	30.6	---	---	94	101	---	---	3	1.0	24
WILLCROSS	9547N	30.3	---	---	---	---	---	---	113	---	---	---	3	1.5	34
WILLCROSS	9544N	26.9	---	---	---	---	---	---	100	---	---	---	3	1.0	25
MIDLAND	8475	28.4	39.3	---	---	33.8	---	---	105	110	---	---	4	1.0	24
LEWIS	431	27.6	---	---	---	---	---	---	102	---	---	---	4	1.0	25
	STAFFORD	20.9	29.3	21.8	18.0	25.1	24.0	22.5	78	82	57	68	5	1.0	16
MIDLAND	EXP 481	21.9	---	---	---	---	---	---	81	---	---	---	5	1.0	26
MIDLAND	EXP 48N	25.4	---	---	---	---	---	---	94	---	---	---	5	1.0	25
PIONEER	9491	28.8	39.5	---	---	34.1	---	---	107	111	---	---	6	1.0	17
ASGROW	A4715	26.3	39.4	32.8	32.4	32.9	32.8	32.7	98	111	111	103	6	1.3	25
ASGROW	A4922	27.4	---	---	---	---	---	---	102	---	---	---	6	1.0	26
	DELSOY 4900	29.3	36.9	35.7	35.7	33.1	34.0	34.4	109	104	121	113	7	1.0	24
	DELSOY 4710	26.9	39.2	---	---	33.1	---	---	100	110	---	---	7	1.5	30
	HOLLADAY	22.1	34.9	---	---	28.5	---	---	82	98	---	---	8	1.0	17
PIONEER	9521	31.2	42.5	39.2	38.0	36.9	37.6	37.7	116	120	133	120	8	1.0	22
TERRA	TS504	30.2	---	---	---	---	---	---	112	---	---	---	8	1.0	21
	MANOKIN	32.3	42.2	36.2	37.7	37.3	36.9	37.1	120	119	123	119	8	1.0	24
	ESSEX	19.3	28.8	22.9	22.4	24.1	23.7	23.4	72	81	78	71	8	1.0	18
GOLDEN HARVEST	X 500 EXP	30.4	---	---	---	---	---	---	113	---	---	---	9	1.0	19
	KS5292	28.7	---	---	43.6	---	---	---	107	---	---	105	9	1.0	18
	AVERY	29.7	36.6	31.1	33.5	33.1	32.5	32.7	110	103	105	106	9	2.5	36
OHLDE (M/W GEN)	5020N	28.4	39.6	---	41.0	---	---	---	105	111	---	---	9	1.0	21
WILLCROSS	9552N	28.2	---	---	---	---	---	---	105	---	---	---	10	1.0	22
NC+	5A15	27.7	38.1	---	---	32.9	---	---	103	107	---	---	11	1.0	18
NORTHRUP-KING	S52-25	30.2	41.3	---	---	35.8	---	---	112	116	---	---	11	1.0	22
OHLDE (M/W GEN)	5200N	30.1	41.8	---	---	36.0	---	---	112	118	---	---	11	1.5	26
	HUTCHESON	23.2	31.5	25.4	21.4	27.4	26.7	25.4	86	89	86	68	11	1.0	20
NORTHRUP-KING	S57-11	28.4	---	---	---	---	---	---	105	---	---	---	14	1.0	22
	FORREST	31.2	39.5	34.7	34.5	35.3	35.1	35.0	116	111	118	109	14	1.3	27
	HARTWIG	30.5	36.1	34.5	37.9	33.3	33.7	34.8	113	101	117	120	14	1.0	24
TEST AVERAGES		26.9	35.6	29.5	31.6										
LSD (.1:'94-'95, .05:'92-'93)		2.7	3.6	2.3	4.6										

MATURITY IS MEASURED AS DAYS EARLIER OR LATER THAN FLYER
LODGING SCORE IS BASED ON 1-5 SCALE WITH 1=EXCELLENT, 5=POOR

TABLE 14. YIELD AS % OF TEST AVERAGE FROM 1995 LOCATIONS.

BRAND	ENTRY	BRO*	SHA	FRA	CHE	RPD	RPI	HAR	STA	THO	FIN	SCN	AVE
	AVERY	---	---	---	99	---	---	---	---	---	---	110	**99**
	CORSICA	76	106	93	77	108	101	100	102	81	96	---	**94**
	CRAWFORD	---	---	75	86	---	---	---	---	---	---	---	**81**
	DELSOY 4210	94	91	92	69	---	---	---	---	---	---	90	**87**
	DELSOY 4500	72	86	89	119	---	---	---	---	---	---	98	**92**
	DELSOY 4710	---	---	---	74	---	---	---	---	---	---	100	**74**
	DELSOY 4900	---	---	---	115	---	---	---	---	---	---	109	**115**
	EDISON	116	97	93	77	92	100	100	94	95	104	---	**97**
	ESSEX	---	---	---	97	---	---	---	---	---	---	72	**97**
	FLYER	89	105	102	93	107	97	98	102	99	91	67	**98**
	FORREST	---	---	---	99	---	---	---	---	---	---	116	**99**
	HAMILTON	65	115	101	108	---	---	---	---	---	---	---	**97**
	HARTWIG	---	---	---	97	---	---	---	---	---	---	113	**97**
	HOLLADAY	---	---	---	109	---	---	---	---	---	---	82	**109**
	HUTCHESON	---	---	---	94	---	---	---	---	---	---	86	**94**
	IA2007	82	84	87	124	85	85	102	83	100	85	---	**92**
	K1218 EXP	---	---	---	117	---	---	---	---	---	---	---	**117**
	K1231 EXP	130	99	96	97	103	110	94	99	104	106	---	**104**
	K1235 EXP	100	95	106	135	113	92	123	86	92	111	---	**105**
	K1267 EXP	---	---	---	93	---	---	---	---	---	---	---	**93**
	K1276 EXP	---	---	---	101	---	---	---	---	---	---	---	**101**
	K1277 EXP	---	---	---	85	---	---	---	---	---	---	---	**85**
	K1278 EXP	---	100	---	---	---	---	---	---	---	102	---	**101**
	K1279 EXP	---	90	---	---	---	---	---	---	---	99	---	**95**
	K1280 EXP	---	90	---	---	---	---	---	---	---	86	---	**88**
	K1281 EXP	---	72	---	---	---	---	---	---	---	97	---	**85**
	KENWOOD 94	114	78	86	75	91	95	93	86	94	95	---	**91**
	KS3494	107	105	101	94	95	109	98	101	119	95	---	**102**
	KS4390	65	89	94	99	90	91	89	82	---	107	---	**90**
	KS4694	112	91	107	92	100	88	100	93	78	101	---	**96**
	KS4895	---	---	101	120	---	---	---	---	---	---	---	**111**
	KS5292	---	---	---	94	---	---	---	---	---	---	107	**94**
	KUNITZ	104	89	86	107	---	92	---	---	---	---	---	**96**
	KY88-5037 EXP	123	82	107	91	95	90	91	81	76	77	---	**91**
	LINFORD	61	92	83	96	---	---	---	---	---	---	---	**83**
	MACON	101	100	100	107	96	112	95	126	108	84	---	**103**
	MAGELLAN	84	97	95	113	99	105	97	90	79	92	---	**95**
	MANOKIN	---	---	---	102	---	---	---	---	---	---	120	**102**
	MUSTANG	81	77	98	79	---	---	---	---	---	---	---	**84**
	PROBST	108	92	100	96	99	104	94	101	110	85	---	**99**
	RESNIK	70	94	93	103	108	95	106	96	102	87	---	**95**
	SHERMAN	143	102	104	79	99	109	103	95	105	81	---	**102**
	SPARKS	---	---	---	---	---	---	79	---	---	101	---	**90**
	STAFFORD	---	---	---	107	---	---	---	---	---	---	78	**107**
	STRESSLAND	85	101	96	107	83	88	100	105	98	136	72	**100**
	WILLIAMS 82	127	85	84	102	93	91	86	88	89	98	---	**94**
AGRIPRO	AP 3940	90	105	---	---	---	---	---	---	---	---	---	**98**
AGRIPRO	AP 4343	---	---	83	---	---	---	---	---	---	---	---	**83**
AGRIPRO	EX 4400	---	---	97	89	---	---	---	---	---	---	---	**93**
ASGROW	A3834	75	105	105	---	---	108	101	101	---	103	---	**100**
ASGROW	A4045	92	---	97	---	---	---	90	102	---	---	---	**95**
ASGROW	A4138	---	---	89	---	---	---	---	---	---	---	---	**89**
ASGROW	A4341	109	114	101	126	---	---	---	---	---	---	---	**113**
ASGROW	A4715	---	---	---	---	---	---	---	---	---	---	98	**---**
ASGROW	A4922	---	---	---	86	---	---	---	---	---	---	102	**86**
DEKALB	CX368	95	114	100	---	---	---	---	---	---	---	---	**103**
DEKALB	CX377	92	---	---	---	---	106	---	---	---	---	---	**99**
DEKALB	CX399	---	106	100	---	101	---	---	94	---	---	---	**100**
DEKALB	CX404	---	---	104	98	---	102	---	106	---	---	---	**103**
DEKALB	CX411	98	110	---	---	---	114	---	---	---	102	---	**106**
DEKALB	CX434	---	104	---	91	---	---	---	---	---	---	---	**98**

TABLE 14. YIELD AS % OF TEST AVERAGE FROM 1995 LOCATIONS.

BRAND	ENTRY	BRO*	SHA	FRA	CHE	RPD	RPI	HAR	STA	THO	FIN	SCN	AVE
DEKALB	CX445	---	---	---	104	---	---	---	96	---	114	---	**105**
DEKALB	CX469C	---	---	---	---	---	---	---	---	---	---	101	**---**
DELANGE	DS 390	---	---	103	---	---	---	---	97	---	---	---	**100**
DELANGE	DS 410	---	---	101	---	---	---	104	95	---	---	---	**100**
DELANGE	DS 455	---	---	91	85	---	---	---	---	---	---	---	**88**
DELANGE	DS 485	---	---	102	100	---	---	---	---	---	---	---	**101**
DRUSSEL	DSS 3880	---	---	---	---	---	---	---	---	---	84	---	**84**
DRUSSEL	DSS EXP 43580	---	---	---	---	---	---	---	---	---	101	---	**101**
DYNA-GRO	3303	120	105	---	---	---	---	---	---	---	---	---	**113**
DYNA-GRO	3340	---	---	---	---	---	---	94	---	---	---	---	**94**
DYNA-GRO	3368	125	100	100	---	106	---	105	---	---	---	---	**107**
DYNA-GRO	3400	122	98	104	---	97	---	---	---	---	---	---	**105**
DYNA-GRO	3410	---	---	103	---	---	---	104	---	---	---	---	**104**
DYNA-GRO	3502	---	---	---	105	---	---	---	---	---	---	---	**105**
DYNA-GRO	UAPX-157	---	---	110	---	---	---	---	---	---	---	---	**110**
FONTANELLE	6100	118	---	104	---	---	---	---	---	---	---	---	**111**
FONTANELLE	6104	103	---	104	---	---	---	---	---	---	---	---	**104**
GOLDEN HARVEST	H-1309	52	89	---	---	90	97	---	---	---	---	---	**82**
GOLDEN HARVEST	H-1353	132	114	---	---	---	---	---	---	---	---	---	**123**
GOLDEN HARVEST	H-1388	---	---	104	---	---	---	---	---	---	106	---	**105**
GOLDEN HARVEST	H-1485	---	---	99	89	---	---	---	---	---	---	---	**94**
GOLDEN HARVEST	X 454 EXP	---	---	---	115	---	---	---	---	---	---	95	**115**
GOLDEN HARVEST	X 500 EXP	---	---	---	104	---	---	---	---	---	---	113	**104**
GREAT LAKES	GL 3145	---	---	---	---	---	---	---	105	---	---	---	**105**
GREAT LAKES	GL 3558	---	---	---	---	---	---	---	92	---	---	---	**92**
GREAT LAKES	GL 4015	---	---	---	---	---	---	---	105	---	---	---	**105**
HAMON	455 EXP	108	---	82	---	---	---	---	---	---	---	---	**95**
HOEGEMEYER	315	---	---	---	---	---	106	---	---	---	---	---	**106**
HOEGEMEYER	365	124	95	98	---	---	100	---	---	---	---	---	**104**
HOEGEMEYER	380	146	103	98	104	---	92	---	111	---	---	---	**109**
HOEGEMEYER	401	77	98	110	90	---	110	---	110	---	---	---	**99**
HOEGEMEYER	435	121	90	100	94	---	---	---	99	---	---	---	**101**
ICI	D371	93	115	---	---	---	93	---	---	---	---	---	**100**
ICI	D396	85	99	98	---	---	93	---	---	---	---	---	**94**
ICI	D414	104	---	97	85	---	---	---	---	---	---	---	**95**
ICI	D454	---	---	---	118	---	---	---	---	---	---	---	**118**
ICI	D478	---	---	---	112	---	---	---	---	---	---	---	**112**
LEWIS	349	122	93	---	---	---	---	---	---	---	---	---	**108**
LEWIS	390	116	---	---	---	---	---	---	---	---	---	---	**116**
LEWIS	409	90	102	---	---	---	---	---	---	---	---	---	**96**
LEWIS	431	---	---	---	---	---	---	---	---	---	---	102	**---**
MERSCHMAN	ATLANTA III	---	113	112	93	---	---	---	---	---	---	---	**106**
MERSCHMAN	AUSTIN II	---	---	---	105	---	---	---	---	---	---	---	**105**
MERSCHMAN	DALLAS	---	---	---	94	---	---	---	---	---	---	---	**94**
MERSCHMAN	DALLAS II	---	---	---	105	---	---	---	---	---	---	---	**105**
MERSCHMAN	EISENHOWER III	86	105	95	---	---	---	---	---	---	---	---	**95**
MERSCHMAN	FILLMORE IV	120	115	---	---	---	---	---	---	---	---	---	**118**
MERSCHMAN	HOUSTON III	---	---	---	---	---	---	---	---	---	---	94	**---**
MERSCHMAN	NASHVILLE	---	94	110	107	---	---	---	---	---	---	---	**104**
MERSCHMAN	RICHMOND III	---	---	---	---	---	---	---	---	---	---	100	**---**
MERSCHMAN	ROOSEVELT	128	90	---	---	---	---	---	---	---	---	---	**109**
MIDLAND	8286	---	---	---	---	119	88	---	---	---	---	---	**104**
MIDLAND	8325	---	---	---	---	105	108	---	---	---	---	---	**107**
MIDLAND	8340	---	90	---	---	107	96	107	---	102	---	---	**100**
MIDLAND	8343	---	---	---	---	100	96	---	---	---	---	---	**98**
MIDLAND	8355	88	---	---	---	111	103	98	101	105	91	---	**100**

TABLE 14. YIELD AS % OF TEST AVERAGE FROM 1995 LOCATIONS.

BRAND	ENTRY	BRO*	SHA	FRA	CHE	RPD	RPI	HAR	STA	THO	FIN	SCN	AVE
MIDLAND	8356	63	107	100	---	101	93	93	108	110	105	---	**98**
MIDLAND	8375	94	96	---	---	107	99	108	106	---	---	---	**102**
MIDLAND	8393	98	94	106	101	96	89	101	92	---	120	---	**100**
MIDLAND	8410	77	101	104	87	93	107	94	---	---	85	---	**94**
MIDLAND	8413	98	100	108	98	83	94	104	---	---	93	---	**97**
MIDLAND	8475	---	---	90	114	---	---	---	---	---	---	105	**102**
MIDLAND	EXP 38STS	---	---	96	---	---	---	---	---	---	---	---	**96**
MIDLAND	EXP 453	---	---	---	---	---	---	---	---	---	---	102	**---**
MIDLAND	EXP 481	---	---	105	106	---	---	---	---	---	---	81	**106**
MIDLAND	EXP 48N	---	---	95	136	---	---	---	---	---	---	94	**116**
MIDLAND	EXP 491	---	---	102	123	---	---	---	---	---	---	---	**113**
MYCOGEN	395	89	100	99	---	---	103	---	---	---	---	---	**98**
MYCOGEN	429	---	108	---	---	---	---	---	---	---	---	95	**108**
MYCOGEN	470	---	---	96	96	103	---	---	---	---	---	---	**98**
NC+	2A91	---	---	---	---	---	---	---	---	103	---	---	**103**
NC+	3A25	---	---	---	---	---	---	---	---	102	---	---	**102**
NC+	3A44	83	---	---	---	---	105	---	108	---	---	---	**99**
NC+	3A75	---	111	---	---	103	---	---	---	---	---	---	**107**
NC+	4A10	127	114	---	77	---	107	---	115	---	---	---	**108**
NC+	4A27	---	---	---	---	---	---	---	---	---	---	112	**---**
NC+	5A15	---	---	---	---	---	---	---	---	---	---	103	**---**
NC+	5A44	---	---	---	105	---	---	---	---	---	---	---	**105**
NORTHRUP-KING	S30-06	105	111	99	---	101	89	102	---	129	---	---	**105**
NORTHRUP-KING	S35-35	84	---	---	---	---	---	---	96	92	---	---	**91**
NORTHRUP-KING	S39-41	94	---	---	---	---	---	---	103	---	122	---	**106**
NORTHRUP-KING	S42-50	---	---	112	94	---	---	108	---	---	---	---	**105**
NORTHRUP-KING	S42-60	120	115	---	---	---	101	---	110	---	---	---	**112**
NORTHRUP-KING	S46-44	---	---	96	122	---	---	---	---	---	---	102	**109**
NORTHRUP-KING	S52-25	---	---	---	105	---	---	---	---	---	---	112	**105**
NORTHRUP-KING	S57-11	---	---	---	---	---	---	---	---	---	---	105	**---**
NeCo	7354	45	104	100	---	---	---	---	---	---	---	---	**83**
NeCo	7392	124	94	102	96	---	---	---	---	---	---	---	**104**
NeCo	7395N	---	---	---	---	---	---	---	---	---	---	94	**---**
NeCo	7415N	---	---	---	---	---	---	---	---	---	---	106	**---**
NeCo	7445N	---	---	---	---	---	---	---	---	---	---	104	**---**
NeCo	7465	---	---	111	95	---	---	---	---	---	---	---	**103**
NeCo	7484	---	---	105	94	---	---	---	---	---	---	---	**100**
OHLDE (M/W GEN)	2650	---	---	---	---	---	---	---	---	87	---	---	**87**
OHLDE (M/W GEN)	2930	---	---	---	---	---	---	---	---	107	---	---	**107**
OHLDE (MW GEN)	3000	---	---	---	---	---	---	---	---	112	---	---	**112**
OHLDE (M/W GEN)	3250	---	---	---	---	---	---	---	---	107	---	---	**107**
OHLDE (M/W GEN)	3431A	---	106	---	---	---	95	---	106	---	119	---	**107**
OHLDE (M/W GEN)	3555	---	112	99	---	95	107	94	96	---	96	---	**100**
OHLDE (M/W GEN)	3580	128	109	96	---	103	95	97	94	---	---	---	**103**
OHLDE (M/W GEN)	3650	93	---	105	---	---	---	---	---	---	---	---	**99**
OHLDE (M/W GEN)	3750A	---	88	104	---	---	103	---	97	---	---	---	**98**
OHLDE (M/W GEN)	3996	102	109	107	---	101	109	94	114	---	115	---	**106**
OHLDE (M/W GEN)	4040	106	107	102	---	116	105	112	109	---	---	---	**108**
OHLDE (M/W GEN)	4367	132	---	93	107	94	---	109	---	---	---	---	**107**
OHLDE (M/W GEN)	4440	140	---	100	95	98	---	101	---	---	---	---	**107**
OHLDE (M/W GEN)	4510	---	---	97	93	---	---	---	---	---	---	---	**95**
OHLDE (M/W GEN)	5020N	---	---	---	---	---	---	---	---	---	---	105	**---**
OHLDE (M/W GEN)	5200N	---	---	---	---	---	---	---	---	---	---	112	**---**
OHLDE (M/W GEN)	EXP X2825	---	---	---	---	---	---	---	---	103	---	---	**103**
OHLDE (M/W GEN)	EXP X311	78	114	97	---	118	103	99	94	---	---	---	**100**
OHLDE (M/W GEN)	EXP X602	109	98	99	---	105	95	103	97	---	---	---	**101**
OHLDE (M/W GEN)	EXP X674	---	---	---	---	---	---	---	---	100	---	---	**100**
OHLDE (M/W GEN)	EXP X766	84	103	104	---	96	105	104	95	---	---	---	**99**
OHLDE (M/W GEN)	EXP X804	---	---	---	---	---	---	---	---	106	---	---	**106**
OHLDE (M/W GEN)	EXP X819	---	---	---	---	---	---	---	---	102	---	---	**102**
PIONEER	9321	---	---	---	---	---	111	---	---	---	---	---	**111**
PIONEER	9341	---	---	---	---	111	102	---	---	---	---	---	**107**

TABLE 14. YIELD AS % OF TEST AVERAGE FROM 1995 LOCATIONS.

BRAND	ENTRY	BRO*	SHA	FRA	CHE	RPD	RPI	HAR	STA	THO	FIN	SCN	AVE
PIONEER	9343	---	---	---	---	101	---	---	---	---	---	---	101
PIONEER	9362	102	---	---	---	---	---	124	97	---	85	---	102
PIONEER	9381	---	---	---	---	---	---	---	---	---	91	---	91
PIONEER	9391	79	---	98	---	---	---	97	88	---	---	---	91
PIONEER	9393	---	91	---	---	---	---	93	106	---	113	---	101
PIONEER	9411	---	88	---	---	---	---	---	---	---	114	---	101
PIONEER	9412	95	116	108	---	---	---	---	---	---	---	---	106
PIONEER	9444	---	---	---	---	---	---	---	---	---	---	86	---
PIONEER	9491	---	---	100	103	---	---	---	---	---	---	107	102
PIONEER	9521	---	---	---	125	---	---	---	---	---	---	116	125
PRAIRIE BRAND	PB-384	97	---	---	---	---	---	---	---	---	---	---	97
PRAIRIE BRAND	PB-400	117	---	---	---	---	---	---	---	---	---	---	117
STAR	BOUNTY STS	---	---	---	---	92	102	---	95	---	---	---	96
STAR	CELEBRITY	68	99	82	---	90	101	---	95	---	---	---	89
STAR	CLASSIC	---	---	---	---	105	---	---	---	---	---	---	105
STAR	EXPRESS II	135	104	110	---	118	105	101	115	---	---	---	113
STAR	GALAXY	104	103	100	---	88	104	107	112	---	---	---	103
STAR	QUEST	82	110	100	---	98	107	---	109	---	---	---	101
STINE	3260	---	---	---	---	---	---	---	103	---	---	---	103
STINE	3510	---	---	---	---	---	---	---	---	113	---	---	113
STINE	3570	134	---	---	---	---	---	---	---	---	125	---	130
STINE	3660	155	111	110	---	---	---	---	98	---	---	---	119
STINE	3680	67	108	109	108	101	99	---	---	93	118	---	100
STINE	3680A	---	---	---	102	---	95	---	110	---	86	---	98
STINE	3973	---	108	---	---	---	---	---	---	---	---	---	108
STINE	4650	---	99	114	72	---	---	---	99	---	---	---	96
STINE	4680	---	104	111	94	---	---	---	---	---	---	---	103
STINE	EX2970 EXP	---	---	---	---	---	---	---	---	---	81	---	81
TAYLOR	399	97	---	114	---	---	---	---	---	---	---	---	106
TAYLOR	EXP 93T36	---	98	---	---	---	---	---	---	---	---	---	98
TAYLOR	EXP 93T399	96	---	99	---	---	---	---	---	---	---	---	98
TERRA	E415 EXP	---	---	120	---	---	---	---	---	---	---	---	120
TERRA	TORCH	---	---	109	---	---	---	---	---	---	---	---	109
TERRA	TS393	---	---	107	---	---	---	---	---	---	---	---	107
TERRA	TS402	---	---	100	96	---	---	---	---	---	---	---	98
TERRA	TS4292 (E4292)	---	---	---	---	---	---	---	---	---	---	101	---
TERRA	TS474 (E474)	---	---	110	84	---	---	---	---	---	---	---	97
TERRA	TS4792 (E4792)	---	---	---	---	---	---	---	---	---	---	102	---
TERRA	TS504	---	---	---	90	---	---	---	---	---	---	112	90
WILLCROSS	92A	91	99	108	123	107	---	---	---	---	---	---	106
WILLCROSS	92B	103	90	106	112	89	---	---	---	---	---	---	100
WILLCROSS	9435A	89	99	101	---	90	---	---	---	---	---	---	95
WILLCROSS	9435B	85	105	99	---	103	---	---	---	---	---	---	98
WILLCROSS	9447A	---	---	97	96	---	---	---	---	---	---	---	97
WILLCROSS	9447B	---	---	91	103	---	---	---	---	---	---	---	97
WILLCROSS	9540	117	---	98	107	---	---	---	---	---	---	---	107
WILLCROSS	9544N	---	---	---	117	---	---	---	---	---	---	100	117
WILLCROSS	9546	---	---	104	93	---	---	---	---	---	---	---	99
WILLCROSS	9547N	---	---	---	131	---	---	---	---	---	---	113	131
WILLCROSS	9552N	---	---	---	100	---	---	---	---	---	---	105	100
WILSON	3670	111	---	---	---	---	---	99	99	---	---	---	103
WILSON	4010	114	---	---	---	---	---	104	112	---	---	---	110

* BRO = BROWN COUNTY, SHA = SHAWNEE COUNTY, FRA = FRANKLIN COUNTY, CHE = CHEROKEE COUNTY, RPD = REPUBLIC COUNTY, BELLEVILLE TEST, RPI = REPUBLIC COUNTY, SCANDIA TEST, HAR = HARVEY COUNTY, STA = STAFFORD COUNTY, THO = THOMAS COUNTY, FIN = FINNEY COUNTY, SCN = CHEROKEE COUNTY SOYBEAN CYST NEMATODE TEST, AND AVE = AVERAGE OF ALL TRIALS EVALUATED, EXCEPT THE SOYBEAN CYST NEMATODE TRIAL (SCN).

TABLE 15. DESCRIPTION OF ENTRIES IN 1995 SOYBEAN PERFORMANCE TEST.†

									SCN			PHYTO		
BRAND	NAME	MG	VT	FC	HI	PU	PD	R1	R3	R14	SOURCE	RR	TOL	SHAT
	AVERY	V	PL	W	BL	T	BR	S	R	R	PI88788	S		1.0
	CORSICA	IV	PL	P	G	T	T	S	S	S		S		1.0
	CRAWFORD	IV	PL	P	BI	T	BR	S	S	S		S		1.0
	DELSOY 4210	IV	PL	W	G	T		S	R	R	PI88788	S		1.0
	DELSOY 4500	IV	PL	W	BF	G		R	R	S	PEKING	S		1.0
	DELSOY 4710	IVS	PL	P	BL	T		S	R	R	PI209332	S		1.0
	DELSOY 4900	IVS	PL	P	BR	T		R	R	S	PEKING	S		1.0
	EDISON	III	PL	P	BL	T	T	S	S	S		RPS1K		1.0
	ESSEX	V	PL	P	BF	G		S	S	S		S		1.0
	FLYER	IV	PL	P	BL	T	T	S	S	S		RPS1K		1.0
	FORREST	V	PL	W	BL	T		R	R	S	PEKING	S		1.0
	HAMILTON	IV	PL	W	BF	G	T	S	S	S		S		1.0
	HARTWIG	V	PL	W	BL	T		R	R	R	PI437654	S		1.0
	HOLLADAY	V	PL	P	BF	G	T	S	S	S		S		1.0
	HUTCHESON	V	PL	W	BF	G	T	S	S	S		S		1.0
	IA2007	II	PL	P	BR	T	BR	S	S	S		S		2.0
	K1218 EXP	IVS	PL									S		1.0
	K1231 EXP	IV	PL									S		1.0
	K1235 EXP	IV	PL									S		2.0
	K1267 EXP	V	PL									S		1.0
	K1276 EXP	V	PL									S		1.0
	K1277 EXP	V	PL									S		1.0
	K1278 EXP	IV	PL									S		1.0
	K1279 EXP	IV	PL									S		1.0
	K1280 EXP	IV	PL									S		1.0
	K1281 EXP	III	PL									S		1.0
	KENWOOD 94	II	PL	P	BL	T	BR	S	S	S		S		1.0
	KS3494	III	PL	P	BL	T	BR	S	S	S		S		1.0
	KS4390	IV	PL	P	BL	T	T	S	S	S		S		1.0
	KS4694	IV	PL	W	BF	G	BR	S	S	S		S		1.0
	KS4895	IVS	PL	P	BL	G	T	S	S	S		S		1.0
	KS5292	V	PL	W	BF	G	T	R	R	S	PEKING	S		1.0
	KUNITZ	III	PL	W	BL	T	T	S	S	S		S		2.0
	KY88-5037 EXP	IV	PL	W	BL	T	T	S	S	S		S		1.0
	LINFORD	III	PL	W	BL	T	T	S	R	R	PI88788	S		2.0
	MACON	III	PL	W	BL	T	BR	S	S	S		S		2.0
	MAGELLAN	IV	PL	P	BL	G	T	S	S	S		S		1.0
	MANOKIN	V	PL	W	BL	T	T	R	R	S	PEKING	S		1.0
	MUSTANG	IV	PL	W	BF	G	T	S	R	R	PI88788	S		2.0
	PROBST	III	PL	P	BL	T	T	S	S	S		RPS1K		1.0
	RESNIK	III	PL	P	BL	T	T	S	S	S		RPS1K		1.0
	SHERMAN	III	PL	W	BF	G	BR	S	S	S		S		1.0
	SPARKS	IV	PL	W	BL	T	T	S	S	S		RPS1		1.0
	STAFFORD	V	PL	P	IB	G	T	S	S	S		S		1.0
	STRESSLAND	IV	PL	P	BL	T	T	S	S	S		S		2.0
	WILLIAMS 82	III	PL	W	BL	BR	T	S	S	S		RPS1K		1.0
AGRIPRO	AP 3940	III	PL	P	G	T	BR	S	S	S		RPS1K	5.0	1.0
AGRIPRO	AP 4343	IV	PL	P	BL	T	TN	S	S	S		RPS1K	5.0	1.0
AGRIPRO	EX 4400	IV	PL	W	BL	T	TN	S	S	S		RPSIK	5.0	1.0
ASGROW	A3510	III	PL	P	BL	T	T	S	S	S		RPS1K	2.0	1.0
ASGROW	A3834	III	PL	P	BL	T	BR	S	S	S		S	3.0	1.0
ASGROW	A4045	IV	PL	P	BL	T	BR	S	S	S		S	3.0	2.0
ASGROW	A4138	IV	PL	W	BL	T	T	S	R	R	PI88788	S	3.0	3.0

(CONTINUED)

TABLE 15. DESCRIPTION OF ENTRIES IN 1995 SOYBEAN PERFORMANCE TEST.†

								SCN				PHYTO		
BRAND	NAME	MG	VT	FC	HI	PU	PD	R1	R3	R14	SOURCE	RR	TOL	SHAT
ASGROW	A4341	IV	PL	P	BL	T	BR	S	S	S		RPS1K	3.0	2.0
ASGROW	A4715	IV	PL	W	BL	T	T	S	R	R	PI88788	S	5.0	1.0
ASGROW	A4922	IV	PL	W	BL	T	T	S	R	R	PI88788	S	5.0	1.0
DEKALB	CX368	III	PL	W	BL	T		S	S	S		RPS1C	2.0	1.0
DEKALB	CX377	III	PL	W	BL	T	T	S	S	S		RPS1C	2.0	1.0
DEKALB	CX399	III	PL	W	BL	T	T	S	S	S		RPS1C	2.0	2.0
DEKALB	CX404	IV	PL	P	BR	T	T	S	S	S		S	3.0	1.0
DEKALB	CX411	IV	PL	W	BL	T	T	S	S	S		RPS1C	2.0	1.0
DEKALB	CX434	IV	PL	P	BL	T	BR	S	S	S		RPS1C	2.0	1.0
DEKALB	CX445	IV	PL	W	BL	T	BR	S	S	S		RPS1C	2.0	2.0
DEKALB	CX469C	IV	PL	P	BL	T	BR	S	R	S	PI88788	S	3.0	1.0
DELANGE	DS 390	III	PL	W	BL	BR	T	S	S	S		RPS1A	2.0	2.0
DELANGE	DS 410	IV	PL	P	BL	BR	BR	S	S	S		RPS1C	2.5	1.0
DELANGE	DS 455	IV	PL	W	BL	T	BR	S	S	S		RPS1C	1.7	2.0
DELANGE	DS 485	IV	PL	P	BL	T	BR	S	S	S			2.0	1.0
DRUSSEL	DSS 3880	III	PL	P	BL	BR	T					RPS1A	1.5	2.0
DRUSSEL	DSS EXP 43580	III	PL	P	G	G	BR					RPS1A	1.5	1.0
DYNA-GRO	3303	III	PL	P	BR	T	BR	S	S	S		RPS1A	4.0	1.0
DYNA-GRO	3340	III	PL	W	BL	T	T	S	R	R			3.0	1.0
DYNA-GRO	3368	III	PL	P	BR	T	BR	S	S	S		RPS1A	3.0	1.0
DYNA-GRO	3400	IV	PL	P	BR	T	T	S	S	S			3.0	1.0
DYNA-GRO	3410	IV	PL	P	BL	T	BR	S	S	S			3.0	2.0
DYNA-GRO	3502	V	PL	W	BL	T	T	S	R	S			3.0	2.0
DYNA-GRO	UAPX-157	III												2.0
FONTANELLE	6100	III	PL	P	BR	T	T	S	S	S			1.8	1.0
FONTANELLE	6104	III	PL	P	BL	BR	T	S	S	S			1.9	3.0
GOLDEN HARVEST	H-1309	III	PL	M	Y	G	BR	S	S	S			2.5	2.0
GOLDEN HARVEST	H-1353	III	PL	P	IB	G	BR	S	S	S		RPS1A	1.8	1.0
GOLDEN HARVEST	H-1388	III	PL	P	BL	T	BR	S	S	S		RPS1A	2.2	1.0
GOLDEN HARVEST	H-1485	IV	PL	P	BL	T	BR	S	S	S			2.0	2.0
GOLDEN HARVEST	X 454 EXP	IV	PL	W	BF	G	BR	S	R	R		RPS1A	2.3	1.0
GOLDEN HARVEST	X 500 EXP	V	PL	W	BL	T	T	S	R	S			1.5	1.0
GREAT LAKES	GL 3145	III	PL	P	BR	T	BR	S	S	S		RPS1A	2.0	1.0
GREAT LAKES	GL 3558	III	PL	W	BL	BR	T	S	S	S		RPS1C	2.0	2.0
GREAT LAKES	GL 4015	IV	PL	P	BL	T	BR	S	S	S			2.5	2.0
HAMON	455 EXP	IV	PL	W	BL	T	T	S	R	R	FAYETTE		2.0	2.0
HOEGEMEYER	315	III	PL	W	BL	T	BR	S	S	S			2.0	2.0
HOEGEMEYER	365	III	PL	P	BR	T	BR	S	S	S			1.5	1.0
HOEGEMEYER	380	III	PL	P	BR	T	BR	S	S	S			1.5	1.0
HOEGEMEYER	401	IV	PL	P	BR	T	T	S	S	S			2.0	2.0
HOEGEMEYER	435	IV	PL	W	BL	T	BR	S	S	S			2.0	1.0
ICI	D371	III	PL	P	BR	T	BR	S	S	S		RPS1A	3.0	1.0
ICI	D396	III	PL	P	BR	T	BR	S	S	S		S	4.0	1.0
ICI	D414	IV	PL	P	BL	T	BR	S	S	S		S	5.0	1.0
ICI	D454	IV	PL	W	BF	G	T	S	R	MR	PI88788	RPS1A	5.0	1.0
ICI	D478	IV	PL	P	BL	T	T	S	S	S		S	4.0	1.0
LEWIS	349	III	PL	P		T	BR	S	S	S		RPS1A	3.0	1.0
LEWIS	390	III	PL	M		T	BR	S	S	S		RPS1A	3.0	2.0
LEWIS	409	IV	PL	P		T	BR	S	S	S		S	4.0	1.0
LEWIS	431	IV	PL	W	BL	T	T	S	R	R		S	4.0	2.0

(CONTINUED)

TABLE 15. DESCRIPTION OF ENTRIES IN 1995 SOYBEAN PERFORMANCE TEST.†

									SCN			PHYTO		
BRAND	NAME	MG	VT	FC	HI	PU	PD	R1	R3	R14	SOURCE	RR	TOL	SHAT
MERSCHMAN	ATLANTA III	IV	PL	W	BL	T	BR	S	S	S		S	2.0	1.0
MERSCHMAN	AUSTIN II	IV	PL	P	BF	G	T	S	S	S		S	3.5	2.0
MERSCHMAN	DALLAS	IV	PL	P	BF	G	T	S	S	S		S	4.4	2.0
MERSCHMAN	DALLAS II	IV	PL	P	IB	G	BR	S	S	S			2.5	2.0
MERSCHMAN	EISENHOWER III	III	PL	P	BR	T	T	S	S	S		S	3.0	1.0
MERSCHMAN	FILLMORE IV	III	PL	W	BR	T	BR	S	S	S		S	3.0	2.0
MERSCHMAN	HOUSTON III	IV	PL	W	BL	T	T	S	R	MR	PI88788	RPS1A	2.3	1.0
MERSCHMAN	NASHVILLE	IV	PL	P	BL	T	BR	S	S	S		S	2.0	1.0
MERSCHMAN	RICHMOND III	IV	PL	P	IB	G	BR	S	R	MR	PEK./PI88788	RPS1A	2.3	1.0
MERSCHMAN	ROOSEVELT	III	PL	P	BF	G	BR	S	S	S		S	4.0	1.0
MIDLAND	8286	II	PL	P	IB	G	BR	S	S	S		RPS1A	3.0	1.0
MIDLAND	8325	III	PL	P	BL	T	T	S	S	S		RPS1K	2.0	1.0
MIDLAND	8340	III	PL	W	IB	G	T	S	S	S			3.0	1.0
MIDLAND	8343	III	PL	P	G	G	BR	S	S	S			3.0	1.0
MIDLAND	8355	III	PL	P	IB	G	T	S	S	S			2.8	1.0
MIDLAND	8356	III	PL	P	BL	BR	BR	S	S	S		RPS1C	4.0	1.0
MIDLAND	8375	III	PL	P	BL	T	T	S	S	S				2.0
MIDLAND	8393	III	PL	P	IB	T	T	S	S	S			3.0	1.0
MIDLAND	8410	IV	PL	P	BR	T	T	S	S	S		S	4.0	1.0
MIDLAND	8413	IV	PL	P	BL	BR	T	S	S	S		RPS1C	4.0	1.0
MIDLAND	8475	IV	PL	W	BL	T	T	S	R	R	FAYETTE		4.0	1.0
MIDLAND	EXP 38STS	III	PL	P	BL	BR	BR	S	S	S		S	1.5	1.0
MIDLAND	EXP 453	IV	PL	W	BR	BR	BR	S	R	MR	PI88788	S	1.5	1.0
MIDLAND	EXP 481	IV	PL	P	BL	BR	BR	S	S	S		S	2.0	1.0
MIDLAND	EXP 48N	IV	B	P	BL	BR	BR	S	R	R	FAYETTE	RPS1C	4.0	2.0
MIDLAND	EXP 491	IV	PL	P	BF	G	BR	S	S	S			2.0	2.0
MYCOGEN	395	III	PL	P	BL	T	T						2.0	1.0
MYCOGEN	429	IV	PL	W	BF	G	BR		R	R	PI88788	RPS1A	2.0	1.0
MYCOGEN	470	IV	PL	P	BL	T	BR						3.0	1.0
NC+	2A91	II	PL	W	BR	G	BR						2.0	1.0
NC+	3A25	III	PL											1.0
NC+	3A44	III	PL	P	LB	T	T					RPS1K	3.0	2.0
NC+	3A75	III	PL											1.0
NC+	4A10	IV	PL	P	BR	T	T						3.0	1.0
NC+	4A27	IV	PL	P	BF	BR	BR		R	R	PI88788		3.0	1.0
NC+	5A15	V	PL	W	BF	T	T		R	R	PI88788		3.0	1.0
NC+	5A44	V	PL											1.0
NORTHRUP-KING	S30-06	III	PL	P	G	G	BR	S	S	S		S	4.0	1.0
NORTHRUP-KING	S35-35	III	PL	P	IB	T	T	S	S	S		RPS1C	2.0	1.0
NORTHRUP-KING	S39-41	III	PL	P	IB	T	T	S	S	S		RPS1K	1.0	2.0
NORTHRUP-KING	S42-50	IV	PL	W	BF	G	BR	S	S	S		RPS1C	2.0	1.0
NORTHRUP-KING	S42-60	IV	PL	P	BR	T	T	S	S	S		S	3.0	1.0
NORTHRUP-KING	S46-44	IV	PL	P	BL	T	BR		R	R		RPS1C	4.0	1.0
NORTHRUP-KING	S52-25	IV	PL	W	BL	T	BR		R			RPS1C	2.0	2.0
NORTHRUP-KING	S57-11	V	PL	P	BL	T	BR		R	MR		RPS1C	2.0	1.0
NeCo	7354	III		W	BL	T	T							1.0
NeCo	7392	III		P	BL	T	T							1.0
NeCo	7395N	III		W	BF	G	T		R	R				1.0
NeCo	7415N	IV		W	BF	G	BR							2.0
NeCo	7445N	IV		W	BL	T	T		R	R				1.0
NeCo	7465	IV		P	BL	T	BR							1.0
NeCo	7484	IV		P	BL	T	BR							1.0
OHLDE (M/W GEN)	2650	II												2.0
OHLDE (M/W GEN)	2930	II												3.0
OHLDE (M/W GEN)	3000	III												2.0
OHLDE (M/W GEN)	3250	III												1.0

(CONTINUED)

TABLE 15. DESCRIPTION OF ENTRIES IN 1995 SOYBEAN PERFORMANCE TEST.†

								SCN				PHYTO		
BRAND	NAME	MG	VT	FC	HI	PU	PD	R1	R3	R14	SOURCE	RR	TOL	SHAT
OHLDE (M/W GEN)	3431A	III												1.0
OHLDE (M/W GEN)	3555	III												2.0
OHLDE (M/W GEN)	3580	III												2.0
OHLDE (M/W GEN)	3650	III												1.0
OHLDE (M/W GEN)	3750A	III												1.0
OHLDE (M/W GEN)	3996	III												2.0
OHLDE (M/W GEN)	4040	IV												1.0
OHLDE (M/W GEN)	4367	IV												1.0
OHLDE (M/W GEN)	4440	IV												1.0
OHLDE (M/W GEN)	4510	IV												1.0
OHLDE (M/W GEN)	5020N	V												1.0
OHLDE (M/W GEN)	5200N	V												1.0
OHLDE (M/W GEN)	EXP X2825	II												1.0
OHLDE (M/W GEN)	EXP X311	IV												1.0
OHLDE (M/W GEN)	EXP X602	III												2.0
OHLDE (M/W GEN)	EXP X674	II												2.0
OHLDE (M/W GEN)	EXP X766	III												1.0
OHLDE (M/W GEN)	EXP X804	II												1.0
OHLDE (M/W GEN)	EXP X819	II												1.0
PIONEER	9321	III	PL	P	BR	T	BR						5.0	3.0
PIONEER	9341	III	PL	W	BR	T	T						4.0	1.0
PIONEER	9343	III	PL	W	BL	T	BR						4.0	3.0
PIONEER	9362	III	PL	W	BF	G	BR		R	R		RPS1C	4.0	2.0
PIONEER	9381	III	PL	W	BL	T	T						5.0	1.0
PIONEER	9391	III	PL	P	BL	T	T					RPS1C	3.0	1.0
PIONEER	9393	III	PL	P	BL	T	T			R		RPS1K	2.0	2.0
PIONEER	9411	IV	PL	P	BL	T	T					RPS1C	3.0	1.0
PIONEER	9412	IV	PL	P	BL	T	T						5.0	1.0
PIONEER	9444	IV	PL	W	BL	T	T		R	MR				1.0
PIONEER	9491	IV	PL	W	BR	T	BR		R	R				1.0
PIONEER	9521	V	PL	P	BL	T	T		R			RPS1C	4.0	1.0
PRAIRIE BRAND	PB-384	III	PL	W	BF	T	BR	S	S	S		RPS1A	5.0	2.0
PRAIRIE BRAND	PB-400	IV	PL	P	BR	T	T	S	S	S			2.0	2.0
STAR	BOUNTY STS	III												1.0
STAR	CELEBRITY	III	PL	P	BL	BR	T							1.0
STAR	CLASSIC	II	PL	P	IB	G	BR							1.0
STAR	EXPRESS II	III	PL	P	BL	G	T							1.0
STAR	GALAXY	III	PL	P	BR	T	T							1.0
STAR	QUEST	III												1.0
STINE	3260	III	PL	P	BR	T	BR	S	S	S			5.0	1.0
STINE	3510	III	PL	P	BR	T	BR	S	S	S			5.0	1.0
STINE	3570	III	PL	W	BR	T	BR	S	S	S			4.0	1.0
STINE	3660	III	PL	W	BR	T	BR	S	S	S			5.0	2.0
STINE	3680	III	PL	M	M	T	BR	S	S	S			4.0	1.0
STINE	3680A	IV	PL	M	M	T	BR	S	S	S			4.0	1.0
STINE	3973	III	PL	W	BR	T	T	S	MR	MR	PI88788	RPS3	3.0	1.0
STINE	4650	IV	PL	P	BL	T	BR	S	S	S			3.0	1.0
STINE	4680	IV	PL	P	BR	T	BR	S	S	S			4.0	1.0
STINE	EX2970 EXP	III	PL											1.0
TAYLOR	399	III	PL			T	BR	S	S	S		S	1.8	1.0
TAYLOR	EXP 93T36	III	PL			G	BR	S	S	S		S	2.0	1.0
TAYLOR	EXP 93T399	III	PL			T	BR	S	S	S		RPS1A	2.0	1.0
TERRA	E415 EXP	IV	PL	M	M	T	BR	S	S	S		RPS1A	2.5	1.0
TERRA	TORCH	III	PL	P	M	T	BR	S	S	S		RPS1A	2.2	1.0
TERRA	TS393	III	PL	P	BR	T	T	S	S	S			3.0	1.0
TERRA	TS402	IV	PL	P	BR	T	T	S	S	S			1.8	1.0

(CONTINUED)

TABLE 15. DESCRIPTION OF ENTRIES IN 1995 SOYBEAN PERFORMANCE TEST.†

								SCN				PHYTO		
BRAND	NAME	MG	VT	FC	HI	PU	PD	R1	R3	R14	SOURCE	RR	TOL	SHAT
TERRA	TS4292 (E4292)	IV	PL	W	BF	G	BR	S	R	R			3.0	1.0
TERRA	TS474 (E474)	IV	PL	P	BL	T	BR	S	S	S			2.2	2.0
TERRA	TS4792 (E4792)	IV	PL	P	BL	BR	T	S	R	R			2.0	2.0
TERRA	TS504	V	PL	W	BL	T	T	S	R	S			1.5	1.0
WILLCROSS	92A	III	PL	P	BL	T	T	S	S	S				1.0
WILLCROSS	92B	III	PL	P	BL	T	T	S	S	S				1.0
WILLCROSS	9435A	III	PL	W	BL	T	T	S	S	S				1.0
WILLCROSS	9435B	III	PL	W	BL	T	T	S	S	S				1.0
WILLCROSS	9447A	IV	PL	P	BL	T	BR	S	S	S				1.0
WILLCROSS	9447B	IV	PL	P	BL	T	BR	S	S	S				1.0
WILLCROSS	9540	III	PL	W	BL	T	BR	S	S	S				1.0
WILLCROSS	9544N	IV	PL	W	BL	T	T		R	R				2.0
WILLCROSS	9546	IV	PL	P	BL	T	BR	S	S	S				2.0
WILLCROSS	9547N	IV	PL	P	BL	BR	T		R					1.0
WILLCROSS	9552N	V	PL	P	BL	T	BR		R					1.0
WILSON	3670	III L	PL	P	BR	T	BR	S	S	S		RPS1A	1.8	1.0
WILSON	4010	IV E	PL	P	BR	T	BR	S	S	S			3.2	1.0

† MG = MATURITY GROUP; VT = VARIETY TIME; 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; 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; RPSla-etc, INDICATE MAJOR GENES FOR RESISTANCE; TOL = FIELD TOLERANCE SCORE WITH 1 = EXCELLENT TO 9 = POOR; SHAT = SHATTERING, 1 = NO SHATTERING, 2 = 1 TO 10% SHATTERING, 3 = 11-25% SHATTERING. ALL INFORMATION EXCEPT SHATTERING SCORES SUPPLIED BY ENTRANT.

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