

1984

EC84-104 Nebraska Soybean Performance Tests 1984

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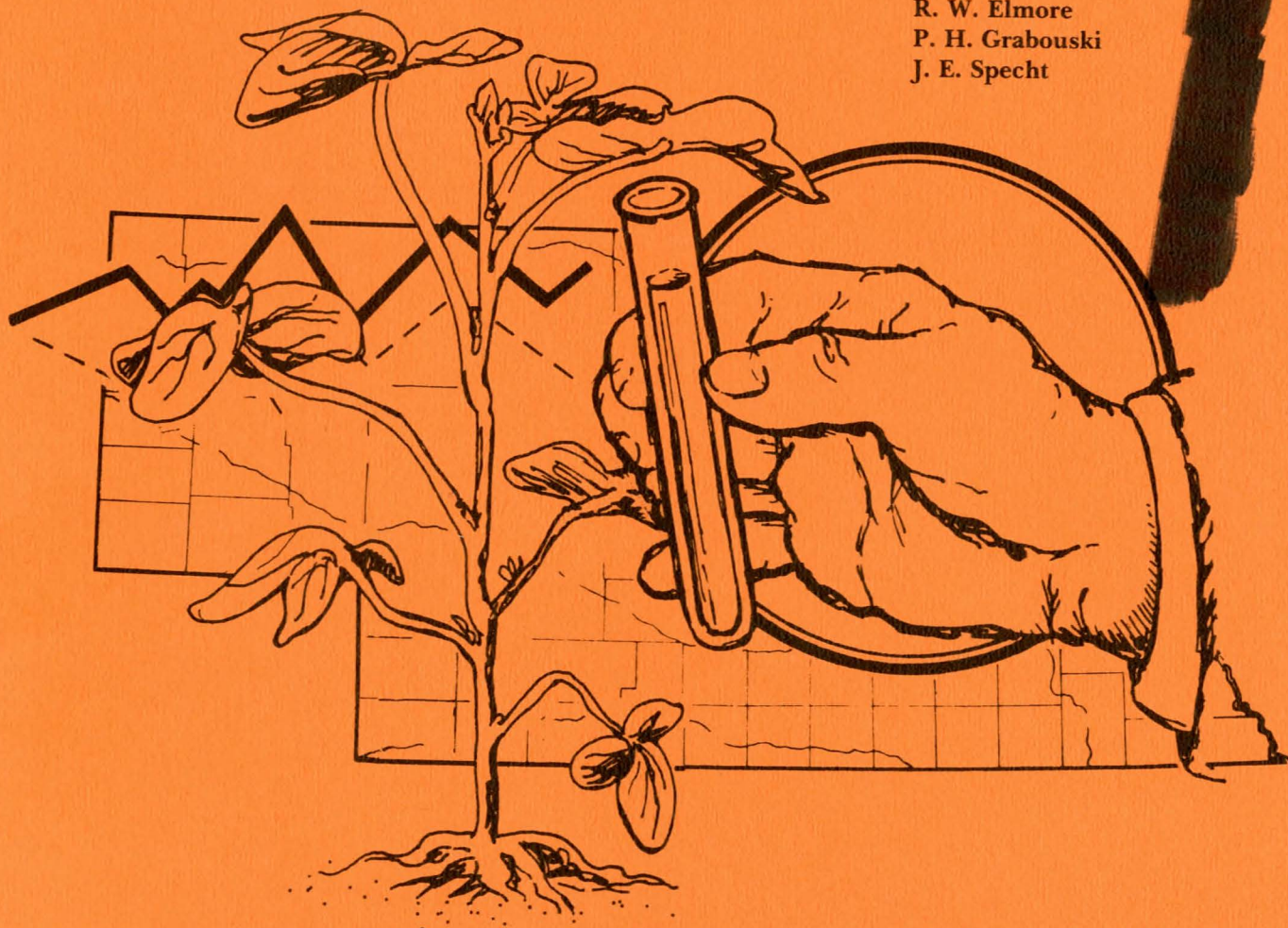
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NEBRASKA SOYBEAN PERFORMANCE TESTS 1984

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EXTENSION CIRCULAR 84-104

FORWARD

This circular is a progress report of soybean performance trials conducted by the variety evaluation and soybean breeding projects of the Agricultural Experiment Station. Cooperating were the Agronomy Department and the Northeast, South Central and West Central Centers. Conduct of experiments and publication of results is a joint effort of the Agricultural Experiment Station and the Cooperative Extension Service.

Acknowledgement is made to station personnel, county extension agents and farmer cooperators who assisted in conduct of these tests. Tests were supported in part by fees collected from entrants. A grant from the Nebraska Soybean Development Utilization and Marketing Board enabled purchase of planting and harvest equipment necessary for conduct of East Central and Southeast trials.

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NEBRASKA SOYBEAN PRODUCTION

The following data were obtained from Nebraska Agricultural Statistics.
In 1940, 13,000 acres of soybeans also were cut for hay.

Year	Harvested acres (ha) 000	Average yield bushels (kg/ha)	Production Bushels (metric tons) 000
1940	4 (2)	14.0 (942)	56 (2)
1950	50 (20)	24.0 (1614)	1,200 (33)
1955	180 (73)	10.5 (706)	1,890 (51)
1956	146 (59)	11.5 (773)	1,679 (46)
1957	142 (58)	26.0 (1749)	3,692 (101)
1958	206 (83)	29.0 (1951)	5,974 (163)
1959	146 (59)	24.0 (1614)	3,504 (95)
1960	164 (66)	28.0 (1883)	4,592 (125)
1961	292 (118)	25.5 (1715)	7,446 (203)
1962	310 (126)	27.0 (1816)	8,370 (228)
1963	356 (144)	28.5 (1917)	10,146 (276)
1964	523 (212)	22.0 (1480)	11,506 (313)
1965	696 (282)	23.5 (1581)	16,356 (446)
1966	745 (302)	29.5 (1984)	21,978 (599)
1967	782 (317)	22.5 (1513)	17,595 (479)
1968	782 (317)	23.5 (1581)	18,377 (501)
1969	766 (310)	33.5 (2253)	25,661 (699)
1970	812 (329)	22.0 (1480)	17,864 (487)
1971	609 (247)	25.0 (1682)	15,225 (415)
1972	746 (302)	33.0 (2220)	24,618 (671)
1973	1,210 (490)	30.0 (2018)	36,300 (989)
1974	1,190 (482)	24.0 (1614)	28,560 (778)
1975	1,200 (486)	27.0 (1816)	32,400 (883)
1976	980 (397)	20.0 (1345)	19,600 (534)
1977	1,300 (458)	36.0 (2421)	40,680 (1108)
1978	1,250 (506)	34.0 (2287)	42,500 (1158)
1979	1,610 (652)	34.0 (2287)	54,740 (1491)
1980	1,770 (717)	30.0 (2018)	53,100 (1446)
1981	2,070 (838)	38.0 (2566)	78,660 (2143)
1982	2,250 (911)	35.0 (2354)	78,750 (2146)
1983	2,070 (838)	28.5 (1917)	58,995 (1607)
1984 <u>1/</u>	2,550 (1033)	27.0 (1816)	68,850 (1876)

1/ November 1 estimate.

NEBRASKA SOYBEAN PERFORMANCE TESTS
1984

The November 1 estimated soybean yield for Nebraska was 27.0 bushels per acre from 2,550,000 harvested acres. This was the lowest yield since 1976. Acreage was a new record high.

Nebraska had a wet spring. Soybean planting lagged behind normal all season. Greatest delays were in Southeast Nebraska. On June 3, only 40% of the crop had been planted compared to a normal of 60%. On June 17, 80% of the crop had been planted. Normal for this date is 100%.

Pod set and leaf drop were later than normal. Killing frosts during the week of September 25 stopped development. Many late planted fields did not produce their full yield potential. Wet weather during the second and third weeks of October stalled harvest. Progress generally was 12 days behind the normal schedule.

Late planting combined with early frost resulted in incomplete seed development and green immature seeds. Wet weather contributed to quality problems.

PROCEDURE

Data were obtained from ten trials at seven locations. (Table 1). Experiment Station entries were included at all sites. Privately developed varieties or blends were included in Northeast, East Central, Southeast and South Central trials. A sandy land trial in Northeast Nebraska was lost because of poor stands. The East Central tests were not planted because of wet soil conditions. A trial in Lancaster County on the Agronomy Farm was abandoned because of poor stands.

Privately developed varieties were selected by the seed producer. At each location, entries were divided into early and late for convenience in handling. Three varieties were common to both early and late trials. Yields were calculated as a percentage of the average of these entries. The percentages, not bushel yields, should be used for comparisons of early and late entries at a location.

Names and addresses of entrants are shown in Table 2. A list of entries by brand name is shown in Table 3. Some entries in the East Central 1981-1983 trials are not included on this list.

Entries were planted in four-row plots 15 to 35 feet long. Plots were replicated four times in a randomized complete block design. A planting rate of 8.5 seeds per foot in 30-inch rows (148,100 seeds per acre) was used unless a higher or lower rate was requested by the entrant. Hobbit was planted at a 13 seeds per foot rate.

At harvest, two rows 10 to 30 feet long were threshed for yield. Reported yields are corrected to 13% moisture. Plots were rated mature when 95% of the pods had turned brown. Lodging scores were based on a 1 to 5 scale where 1 = all plants erect and 5 = all plants flat. Height was measured before harvest.

Table 1. Locations, cooperators and planting and harvest dates. Nebraska Soybean Performance Tests. 1984.

Location	Cooperator	Test	Planted	Harvested
Northeast				
Dixon County	Northeast Center	Early	May 21	Oct. 4
		Late	May 21	Oct. 29
Mead Irrigated				
Saunders County	Mead Field Laboratory	----	June 6	Oct. 25
Southeast				
Nemaha County	Eldo & Mike Coulter	Early	June 5	Oct. 23
		Late	June 5	Oct. 24
South Central Irrigated				
Clay County	South Central Center	Early	May 15	Sept. 28
		Late	May 15	Oct. 24
Harlan County	John Weinand, Alma	Early	May 30	Oct. 3
		Late	May 30	Oct. 26
Southwest Irrigated				
Perkins County	Elmer & James Cooper, Grant	----	May 20	Oct. 3

Seed quality ratings were made at some locations. Seed quality was scored on a 1 to 5 scale with 1 = best and 5 = poorest. Seeds per pound or grams per 100 seeds data are reported for some locations. Seeds per pound = $453.6 \times 100 \div$ grams per 100 seeds. Because of time constraints, seed weights are not reported for 1984 experiments which included privately-developed entries. Where these data appear in period-of-years averages, they are for years preceding 1984. Data shown in two-year averages are for 1983, in three-year averages for 1982-1983, etc.

Metric equivalents and conversions are as follows:

1 centimeter =	0.394 inches	cm =	inches x 2.54
1 hectare =	2.471 acres	ha =	acres x 0.405
1 kilogram =	2.205 pounds	kg =	pounds x 0.454
1 hectoliter =	2.838 bushels	hl =	bushels x 0.352

Kilogram/hectoliter (kg/ha) = bu/A x 67.26 (60# bushel)

Table 2. Entrants. Nebraska Soybean Performance Tests. 1984

Brand	Entrant	Address
-----	Agricultural Experiment Station	Lincoln, NE 68583
AgriPro	AgriPro Seeds	Ames, IA 50010
Asgrow	Asgrow Seed Company	Kalamazoo, MI 49001
Coker	Rohm & Haas Seeds	Lafayette, IN 47905
D.S.G.R.	Diamond Soybean Genetic Research	Carroll, IA 51401
De Soy	Dale Ewing Farm Seed	Jewell, IA 50130
DeKalb	DeKalb-Pfizer Genetics	DeKalb, IL 60115
Diamond Brand	Schettler Seed, Inc.	Carroll, IA 51401
Fontanelle	Fontanelle Hybrids	Nickerson, NE 68044
Funk	Funk Seeds International	Bloomington, IL 61701
Golden Harvest	J. C. Robinson Seed Company	Waterloo, NE 68069
Hill Seed	Hill Seed Company	Ellsworth, IA 50075
Hoegemeyer	Hoegemeyer Hybrids	Hooper, NE 68031
Hofler	Hofler Seed Company	Nova Springs, IA 50458
Horizon	Horizon Seeds, Inc.	Lincoln, NE 68501
Hy-Vigor	Hy-Vigor Seeds, Inc.	Paullina, IA 51046
Jacobsen	Jacobsen Hybrid Corn Company	Lakeview, IA 51450
Kruger	Kruger Seed Company	Dike, IA 50624
Land O'Lakes	Land O'Lakes, Inc.	Fort Dodge, IA 50501
Latham	Latham Seed Company	Alexander, IA 50420
Lewis	Lewis Hybrids, Inc.	Ursa, IL 62376
Lincoln Seed	Lincoln Seed & Feed	Sioux City, IA 51101
Lynks	Lynks Seeds	Marshalltown, IA 50158
McCubbin	McCubbin Seed Farm, Inc.	Green Mountain, IA 50637
McCurdy	McCurdy Seed Company	Fremont, IA 52561
Mershman	Mershman, Inc.	West Point, IA 52656
Midwest Oilseeds	Midwest Oilseeds, Inc.	Adel, IA 50003
NC+	NC+ Hybrids	Lincoln, NE 68504
Northrup King	Northrup King Company	West Des Moines, IA 50265
Ohlde	Ohlde Seed Farms	Palmer, KS 66962
Prairie Brand	Prairie Brand Seed	Story City, IA 50248
Profiseed	Profiseed, Inc.	Hampton, IA 50441
Riverside	Lynville Seed Company	Lynville, IA 50153
Rohm & Haas	Rohm & Haas Seeds	Lafayette, IN 47905
S-Brand	Schechinger Seed Company	Harlan, IA 51537
Sands	Sand Seed Service, Inc.	Marcus, IA 51035
SRF	Soybean Research Foundation, Inc.	Mason City, IL 62664
Stine	Stine Seed Farm, Inc.	Adel, IA 50003
Terra Chemicals	Terra Chemicals International	Sioux City, IA 51104
Tri Valley	Tri Valley Seeds	Omaha, NE 68137
WilsonBlend	Wilson Hybrids, Inc.	Harlan, IA 51537
Youkerman	Youkerman Seed Company	Council Bluffs, IA 51501

Table 3. Entries. Nebraska Soybean Performance Tests. 1984.

Brand	Entries ^{1/}
-----	Amcor (P), Amsoy 71 (P), Century (P), Century 84 (P), Corsoy 79 (P), Cumberland (P), Elgin (P), Hack (P), Harper (P), Hobbit (P), Lakota (P), Mead (P), Nebsoy (P), Pella (P), Platte (P), Sparks (P), Logan (P), U-76360 (P), Weber (P), Wells II (P), Will (P), Williams 82 (P), Winchester (P), Zane (P).
AgriPro	AP200 (P), AP240 (P), AP250 (P), AP330 (P), AP350 (P), AP420 (P), HP2530 (P), HP3033S (P), HP3440 (P), HP3990 (B1).
Asgrow	A2522 (P), A2943 (P), A3127 (P), A3420 (P), A3966 (P).
Coker	393 (P).
D.S.G.R.	DX83-41 (P), DX83-42 (P), DX84-32 (P), DX84-33 (P), DX84-34 (P), DX84-35 (P), DX84-41 (P).
De Soy	450 (B1), 616 (B1), 660 (B1), 750A (B1), 777A (B1), 808 (B1), 830 (B1), 855 (B1), 875 (B1), 919 (B1), 930 (B1), 950 (B1), 975 (B1).
DeKalb	CX264 (P), CX283 (P), CX324 (P), CX380 (P).
Diamond Brand	D220B (B1), D245 (P), D280B (B1), D290 (P), D310 (P), D325 (P), D355B (B1) TC204A (P).
Fontanelle	4250 (P), 4545 (P), 5454 (P), 5708 (P), 6450 (P), 6464 (P).
Funk	G3236 (P), G3340 (P), G3396 Brand (B1), 12252 (B1).
Golden Harvest	H-1285 (P), H1320 (P), X233 (P).
Hill Seed	HS 2000 (B1), HS 2500 (B1), HS 2700 (B1), HS 3000 (B1), HS 3050, HS 3750 (B1), HS 4150 (B1).
Hoegemeyer	200 (P), 205 (P), 350 (P), 384 (P), 390 (P), 392 (P), 450 (P).
Hofler	Coral (P), Gem (P), Jewell (P), Onyx (P), Ruby (P), Topaz (P).
Horizon	H-52 (B1).
Hy-Vigor	Derby 9(P), Hylander (P), 901 (B1), 905 (B1).
Jacobsen	721 (P), 811 (P), 822 (P).
Kruger	KB216 (B1), KB330 (B1), KB330A (B1), KB335 (B1), K2015 (P), K2195 (P), K2197 (P), K3035S (P), K4120 (P), K4121 (P).
Land O'Lakes	GO-41 (B1), GO-42 (B1), L2212 (P), L2330 (P), L2456 (P), L3665 (P), L4104 (P), L4106 (P), L4204 (P), L4205 (P), L4207 (P).
Latham	1010 (P), 650 (P), 851 (B1).
Lewis	34, 37 (P), 44, 46.
Lincoln Seed	LS 7119 (P), LS 7221 (P), LS 7225 (P), LS 7234.
Lynks	8202, 8248, 8280, 8311, 8393.
Mc Cubbin	Albany II (P), Butler (P), Carson (P), EX 40510 (P), EX 60316 (P), EX 80404 (P), Taylor (P), Troy (P), Troy III (P).
Mc Curdy	ML3 (B1), 260B (B1), 375B (B1), 441B (B1).
Mershman	Atlanta (P), Boston (B1), Cheyenne II (P), Cheyenne III (P), Comanche (P), Eisenhower (P), Kennedy (P), Navaho IV (P), Shawnee III (P), Truman II (P).
Midwest Oilseeds	4500E (P).
NAPB	EXD38 (P).
NC+	2A34 (P), 2D90+ (P), 3D89 (P), 3F63 (P).
Northrup King	S1492 (P), S2596 (P), S30-31 (P), S39-93 (P), S42-40 (P).
Ohlde	2080 (P), 2092 (P), 2193 (P), 2193A (B1), 3193 (P), 3193A (B1), 3288 (P), 3380 (P), 3630 (P).
Prairie Brand	PBEX250 (B1), PB223 (P), PB233 (P), PB331 (P), PB340 (P), Zenith (P).
ProfiSeed	1138 (P), 1152 (P), 1350 (P).
Riverside	2019 (B1), 202R (B1), 2024 (P), 303C (P), 3033 (P), 404P (P), 4042 (B1).

CONTINUED

Table 3. CONCLUDED.

Brand	Entries ^{1/}
Rohm & Haas	E4202 (P), E4303 (P).
S Brand	S-43b (B1), S-44a (P), S-45c (B1), S-46d (P), S-47b (P), S-47c (B1), S-48c (B1), S-52a (B1), S-56a (P), S-56b (P), S-57 (B1), S-58a (P), S-60c (B1), S-65 (B1).
Sands	SOI EXP 224A (P), SOI EXP 227 (P), SOI EXP 300 (P), SOI EXP 31411 (P), SOI EXP 339 (P), SOI 222 (P), SOI 226 (P), SOI 229 (P), SOI 248 (P), SOI 322 (P), SOI 337 (P), SRF 250 (P).
SRF	76-24486N (P), 77-36799D (P).
Stine	2050T (B1), 2510 (P), 2530 (P), 3010+ (P), 3102 (B1), 3500 (P), 3560 (B1), 4500 (P).
Terra Chemicals	Decathalon (P), Olympian (P), Sprint (P).
Tri Valley	Archer (P), Aspen (P), Astro (P), Blazer (P), Bradley (P), Brat (P), Brat II (P), Bronco (P), Capri (P), Charger (P), Charger 85 (P), Comet (B1), Comet II (P), TV 38 (B1), VP-3 (P).
Wilson Blend	EXP. 186 (P), 2101 (B1), 2505 (P), 2505R (B1), 3130 (B1), 3450, 3560 (P).
Younkerman	Austin (P), Bobcat II (P), Bobcat III (P), Caprice (P), Cutlass (P), Dasher (P), YSC 22 (B1), YSC 24 (B1), YSC 32 (B1), YSC 42 (B1).

^{1/} Letters in () indicate: (P) pure line; (B1) blend. These are not part of variety name.

PERFORMANCE

Entries are listed in tables in order of increasing maturity from earliest to latest. Average performance of varieties included in trials for four years in each area is shown in Table 4. These data give an indication of year effects on yield, maturity, lodging, plant height and seed size. The 1984 seed size data are not complete.

Performance of entries cannot be measured with absolute accuracy because of variations in moisture, soil fertility and other factors. For this reason small yield differences have little significance. Differences required for significance are shown in each table at the 5% and 25% levels. This means that differences this great would be expected through chance alone in 1 of 20 or 1 of 4 trials, respectively.

Many soybean varieties have similar yield potentials. Early-maturing varieties are favored in some seasons and later-maturing varieties in others. Period-of-years averages provide a measure of performance over a range of environmental conditions.

This was the fourth year that privately developed entries were included in these trials. Period-of-years data for varieties included for two-, three-, four-, and five-years are reported.

Northeast

The 1984 data for Dixon County are shown in Tables 5 and 8. Yields were high in both trials. Moisture was in excess through June. A part of the test area was flooded at one time. Vegetative growth was heavy with more lodging than normal. Some drouth stress was observed in late July and August. Frost on September 25 caught later varieties before fully mature. There was little correlation between maturity and yield in the early test. In the late trial, later maturity was correlated with lower yield. Period-of-years data for this area are shown in Tables 6, 7, 9, and 10.

East Central

No data were obtained in 1984. Wet weather delayed possible planting until late June. Variety comparisons from that late planting date would have had limited value and the test was cancelled. Data obtained from 1981-1983 trials in this area are shown in Tables 11 and 12.

Mead and Lincoln

The Soybean Breeding Project has a primary research area at the Mead Field Laboratory. Experiment Station releases along with experimental strains are tested with and without irrigation. Results of the 1984 irrigated variety trial are shown in Table 13. Plants grew short and yields were relatively low in 1984. Period-of-years data from this location are shown in Table 14.

No 1984 data were obtained from the Mead nonirrigated or Lincoln nonirrigated trials. Data from these locations for the 1979-1983 period are shown on Tables 15 and 16.

Southeast

Conditions for early growth were excellent in Nemaha County. Lack of moisture in July and August reduced yields (Tables 17 and 20). Frost on September 29 stopped seed development. In the late test, later maturity was correlated with lower yield. Period-of-years data for this area are shown on Tables 18, 19 and 21.

South Central Irrigated

South Central Irrigated trials were located in Clay and Harlan Counties (Tables 22, 23, 24, 26, 27 and 28). High yields were produced in all four trials. Later maturity was correlated with higher yield in the early trials at both locations. In the late tests, there was little maturity-yield relationship in Clay County. In Harlan County, later maturity was correlated with lower yield. Period-of-years data for South Central Irrigated trials are shown in Tables 25 and 29.

Southwest Irrigated

Data for 1979-1984 are included in Table 30. Good yields were produced in Perkins County in 1984. Frost in late September stopped development of later varieties. This is reflected in seed quality scores. Seed size was small in 1984 and period-of-years averages.

Table 4. Soybean performance. Average for entries common over years within tests. 1981-1984.

Test	Year	Yield bu/A	Mature date	Lodging score	Height inches	Seeds pound
Northeast						
Early (6 entries)	1981	53.1	9-22	2.7	39	2597
	1982	39.6	9-26	1.0	34	2988
	1983	39.8	9-20	1.5	38	3288
	1984	56.8	9-22	2.5	41	----
Late (14 entries)	1981	50.3	9-27	2.3	39	2618
	1982	40.6	9-30	1.0	34	2933
	1983	42.9	9-24	1.2	39	3291
	1984	54.8	9-28	2.4	39	----
East Central						
Early (20 entries)	1981	44.7	9-18	1.0	35	2565
	1982	55.4	10-3	1.8	37	2713
	1983	37.6	9-25	1.5	29	3090
	1984	----	----	---	--	----
Late (22 entries)	1981	44.4	9-24	1.0	36	2610
	1982	54.8	10-9	2.1	40	2695
	1983	36.9	9-30	1.2	32	3264
	1984	----	----	---	--	----
Southeast						
Early (14 entries)	1981	52.3	9-20	3.2	45	2466
	1982	53.2	10-4	2.4	40	2566
	1983	33.8	9-17	1.1	31	3133
	1984	42.0	9-24	1.8	39	----
Late (3 entries)	1981	51.1	9-24	3.7	55	2313
	1982	49.1	10-6	1.9	41	2407
	1983	33.6	9-22	1.0	32	2753
	1984	37.6	9-30	2.2	45	----
South Central Irrigated						
Early (5 entries)	1981	53.7	9-21	1.7	35	2574
	1982	44.2	9-29	1.6	34	2772
	1983	52.7	9-20	1.7	38	3528
	1984	51.0	9-18	1.4	29	----
Late (7 entries)	1981	54.6	9-29	1.7	32	2194
	1982	50.4	10-7	1.3	34	2388
	1983	52.7	9-25	1.5	34	2783
	1984	54.4	9-26	1.6	31	----

TABLE 5. NORTHEAST SOYBEAN PERFORMANCE. DIXON COUNTY. EARLY ENTRIES. 1984.

BRAND	ENTRY	YIELD		MATURE DATE	LOGGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	LAKOTA	55.9	104	9-17	3.1	45
-----	WEBER	54.6	101	9-20	2.4	37
SRF	76-24486N	58.0	108	9-20	2.0	38
AGRIPRO	AP200	57.3	106	9-21	1.8	41
HILL SEED	HS 2000	60.1	112	9-21	2.6	43
HORIZON	H-42	57.1	106	9-21	2.1	37
LINCOLN SEED	LS 7119	56.1	104	9-21	1.6	38
OHLDE	2080	59.3	110	9-22	1.5	38
PROFISEED	1138	60.6	112	9-22	2.5	42
LAND O' LAKES	L2330	53.3	99	9-23	2.8	40
YOUNKERMANN	YSC 22	53.8	100	9-23	1.8	32
HY-VIGOR	DERBY 9	60.5	112	9-24	2.4	40
KRUGER	KB216	58.1	108	9-24	2.8	41
MC CUBBIN	BUTLER	54.2	101	9-24	1.6	38
MERSHMAN	NAVAHO IV	57.7	107	9-24	2.5	37
PRAIRIE BRAND	PB233	57.1	106	9-24	1.9	38
RIVERSIDE	404P	51.3	95	9-24	2.8	41
TRI VALLEY	ARCHER	60.1	112	9-24	2.1	38
YOUNKERMANN	AUSTIN	60.4	112	9-24	2.9	42
-----	CENTURY	56.1	104	9-25	2.3	39
-----	HACK	57.2	106	9-25	1.4	35
AGRIPRO	AP240	52.6	98	9-25	2.1	37
DE SOY	616	56.0	104	9-25	2.3	37
DEKALB	CX264	63.0	117	9-25	1.9	37
FONTANELLE	4250	61.1	113	9-25	2.9	43
GOLDEN HARVEST	X233	58.2	108	9-25	1.6	34
HOFER	JEWELL	58.0	108	9-25	1.9	42
HOFER	CNYX	53.1	99	9-25	1.8	38
HY-VIGOR	901	63.3	117	9-25	3.4	45
HY-VIGOR	905	56.5	105	9-25	2.3	40
LAND O' LAKES	L2212	58.8	109	9-25	2.1	42
LATHAM	650	62.4	116	9-25	1.6	32
LATHAM	851	59.3	110	9-25	2.6	38
LINCOLN SEED	LS 7221	62.7	116	9-25	2.4	37
MERSHMAN	COMANCHE	59.4	110	9-25	2.1	42
NORTHROP KING	S2596	61.7	114	9-25	2.0	38
PRAIRIE BRAND	PB223	62.1	115	9-25	1.9	34
PROFISEED	1152	64.2	119	9-25	2.4	38
SANDS	SCI 222	62.6	116	9-25	2.9	40
SANDS	SCI 226	63.9	119	9-25	2.1	37
STINE	2510	63.3	117	9-25	2.5	36
WILSONBLEND	2101	58.2	108	9-25	2.0	40
-----	ELGIN	56.2	104	9-26	2.4	35
-----	PLATTE	51.0	95	9-26	2.3	41
AGRIPRO	HP2530	55.9	104	9-26	2.8	47

CONTINUED

TABLE 5. CONCLUDED *

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
DE SOY	450	69.7	129	9-26	2.4	47
DIAMOND BRAND	D220B	56.3	104	9-26	2.1	39
FUNK	G3236	61.7	114	9-26	3.1	43
HOFER	RUBY	59.4	110	9-26	3.0	42
KRUGER	K2C15	59.6	111	9-26	1.6	40
KRUGER	K2197	66.2	123	9-26	2.5	39
LAND O' LAKES	GC-43	59.9	111	9-26	2.3	42
LYNKS	8202	59.9	111	9-26	2.3	37
MC CURDY	260B	56.2	104	9-26	2.1	37
NC+	2A34	60.1	112	9-26	2.3	49
RIVERSIDE	303C	58.6	109	9-26	2.0	39
RIVERSIDE	4C42	57.9	107	9-26	2.4	45
S-BRAND	S-43B	60.8	113	9-26	2.3	39
S-BRAND	S-44A	58.8	109	9-26	1.9	36
SANDS	SOI EXP 224A	60.9	113	9-26	2.0	42
ASGROW	A2522	62.5	116	9-27	3.3	44
HILL SEED	HS 2500	62.9	117	9-27	2.3	40
HOEGEMEYER	200	57.7	107	9-27	2.3	39
S-BRAND	S-45C	60.5	112	9-27	3.0	37
STINE	2220	59.5	110	9-27	2.1	38
TERRA CHEMICALS	DECATHALON	66.5	123	9-27	2.5	39
TRI VALLEY	ASPEN	54.0	100	9-27	3.1	38
DE SOY	750A	56.2	104	9-28	3.3	39
DEKALB	CX283	64.8	120	9-28	3.0	39
FONTANELLE	4545	59.1	110	9-28	2.6	39
NORTHROP KING	S1492	56.0	104	9-28	3.0	39
TRI VALLEY	ASTRO	58.9	109	9-28	2.5	38
AVERAGE ALL ENTRIES		59.0	---	9-25	2.3	39.4
DIF. REQ. FOR SIG.	5%	7.5	---	2.1	0.9	5.0
	25%	4.4	---	1.2	0.5	2.9

Yield in bushels per acre and % of average of Century, Platte and Weber.
 The % should be used to make comparisons with the late test in this area.

TABLE 6. NORTHEAST SOYBEAN PERFORMANCE. EARLY ENTRIES. 1983-1984.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
TWO-YEAR AVERAGE							
-----	LAKOTA	47.3	98	9-17	2.7	44	3350
-----	WEBER	46.8	97	9-20	2.1	37	3710
AGRI PRO	AP200	47.4	98	9-20	1.4	40	3230
PROFISEED	1138	51.0	106	9-20	2.2	41	3170
HORIZON	H-42	49.1	102	9-22	1.6	35	2900
KRUGER	K2015	50.1	104	9-23	1.3	38	2970
RIVERSIDE	404P	48.1	100	9-23	2.2	39	3330
SANDS	SOI 222	52.1	108	9-23	2.1	39	3340
TRI VALLEY	ARCHER	52.7	109	9-23	2.0	38	3330
WILSONBLEND	2101	49.9	103	9-23	1.8	39	3220
-----	CENTURY	49.8	103	9-24	1.7	38	2890
-----	PLATTE	47.1	98	9-24	1.8	41	3250
AGRI PRO	AP240	47.2	98	9-24	1.7	36	3390
HOEGEMEYER	200	52.6	109	9-24	1.8	38	3280
HY-VIGOR	901	54.0	112	9-24	2.7	46	3380
HY-VIGOR	905	49.8	103	9-24	2.1	42	3360
NORTHRUP KING	S2596	52.8	109	9-24	1.5	36	3050
RIVERSIDE	4042	49.0	101	9-24	2.0	44	3360
S-BRAND	S-44A	53.0	110	9-24	1.6	37	3210
SANDS	SOI 226	54.1	112	9-24	1.8	38	3340
-----	ELGIN	48.4	100	9-25	1.9	34	3340
NORTHRUP KING	S1492	47.4	98	9-25	2.2	39	3380
STINE	2220	51.8	107	9-25	1.6	37	3190
DE SOY	750A	50.9	105	9-26	2.9	40	3330
DEKALB	CX283	53.8	111	9-26	2.4	39	3410
FONTANELLE	4545	51.1	106	9-26	2.2	39	3360
TKI VALLEY	ASPEN	49.3	102	9-26	2.6	39	3550
TRI VALLEY	ASTRO	51.2	106	9-26	2.0	39	3420
AVERAGE ALL ENTRIES		50.3	---	9-24	2.0	39	3287
DIF. REQ. FOR SIG. 5%		11.7	---	2.4	0.5	3.2	157
25%		6.7	---	1.4	0.3	1.8	92

% yield based on average of Century, Weber and Platte (Amsoy 71 prior to 1984).
 Seeds pound: No 1984 data. Two-year are 1983.

TABLE 7. NORTHEAST SOYBEAN PERFORMANCE. EARLY ENTRIES. 1980-1984.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
THREE-YEAR AVERAGE							
-----	LAKOTA	44.2	97	9-19	2.1	42	3210
-----	WEBER	44.6	97	9-21	1.7	35	3500
AGRIPRO	AP200	45.7	100	9-21	1.3	39	3120
PROFISEED	1138	46.4	101	9-21	1.8	38	3020
TRI VALLEY	ARCHER	50.1	109	9-24	1.6	36	3080
HY-VIGOR	901	48.6	106	9-25	2.1	42	3150
RIVERSIDE	4042	45.6	100	9-25	1.7	42	3140
S-BRAND	S-44A	49.0	107	9-25	1.4	36	3060
-----	CENTURY	47.0	103	9-26	1.4	36	2710
-----	PLATTE	45.6	100	9-26	1.5	39	3040
NORTHRUP KING	S1492	44.4	97	9-26	1.8	37	3290
DE SOY	750A	47.2	103	9-27	2.3	38	3080
FONTANELLE	4545	47.9	105	9-27	1.9	38	3120
TRI VALLEY	ASPEN	47.5	104	9-27	2.0	38	3200
AVERAGE ALL ENTRIES		46.7	---	9-24	1.8	38.3	3123
DIF. REQ. FOR SIG. 5%		N.S.	---	3.4	0.5	2.6	207
25%		2.6	---	1.9	0.3	1.5	115
FOUR-YEAR AVERAGE							
-----	LAKOTA	46.5	97	9-18	2.4	41	3000
-----	WEBER	46.5	97	9-21	2.1	36	3330
AGRIPRO	AP200	46.8	98	9-22	1.5	39	2930
PROFISEED	1138	47.9	100	9-22	2.1	39	2870
-----	CENTURY	49.5	103	9-25	1.6	37	2550
NORTHRUP KING	S1492	46.6	97	9-26	1.9	37	3060
AVERAGE ALL ENTRIES		47.3	---	9-22	1.9	38.2	2957
DIF. REQ. FOR SIG. 5%		N.S.	---	2.4	0.5	2.8	128
25%		1.7	---	1.3	0.3	1.6	70
FIVE-YEAR AVERAGE							
-----	WEBER	49.0	99	9-20	1.8	34	3330
-----	CENTURY	50.2	101	9-25	1.5	36	2550
AVERAGE ALL ENTRIES		49.6	---	9-23	1.7	35.0	2940
DIF. REQ. FOR SIG. 5%		N.S.	---	3.0	N.S.	N.S.	80
25%		N.S.	---	1.4	0.3	0.9	30

% yield based on average of Century, Weber and Platte (Amsoy 71 prior to 1984).
 Seeds pound: No 1984 data. Three year are 1981-1982, etc.

TABLE 8. NORTHEAST SOYBEAN PERFORMANCE. DIXON COUNTY. LATE ENTRIES. 1984

BRAND	ENTRY	YIELD		MATURE DATE	LOGGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	WEBER	57.8	107	9-20	3.3	41
-----	CENTURY84	50.7	94	9-25	1.8	46
JACOBSEN	811	55.7	103	9-25	1.5	36
JACOBSEN	822	59.9	111	9-25	2.0	37
MC CUBBIN	EX 40510	62.9	116	9-25	2.3	40
JACOBSEN	721	60.7	112	9-26	2.3	37
TERRA CHEMICALS	OLYMPIAN	62.6	116	9-26	2.4	39
-----	PLATTE	46.4	86	9-27	2.3	38
DE SOY	660	59.6	110	9-27	2.5	38
OHLDE	2193A	60.2	111	9-27	2.5	42
S-BRAND	S-460	60.8	112	9-27	2.1	38
SANDS	SCI 248	63.2	117	9-27	1.8	39
TRI VALLEY	BLAZER	55.8	103	9-27	2.0	35
YOUNKERMEN	BOBCAT III	66.4	123	9-27	2.1	40
-----	AMCCR	45.5	84	9-28	2.9	45
-----	CENTURY	58.1	107	9-28	2.0	45
-----	HOBBIT	57.1	106	9-28	1.1	25
-----	LOGAN	51.9	96	9-28	2.6	46
-----	U-7636C	51.6	95	9-28	1.8	38
-----	ZANE	54.5	101	9-28	1.5	42
AGRIPRO	AP330	54.1	100	9-28	2.0	41
AGRIPRO	HP253C	58.5	108	9-28	2.3	46
ASGROW	A2943	63.6	118	9-28	1.8	41
ASGROW	A3127	56.7	105	9-28	2.1	39
DIAMOND BRAND	D245	57.8	107	9-28	3.0	45
FUNK	G3340	47.0	87	9-28	2.8	41
GOLDEN HARVEST	H-1285	60.1	111	9-28	2.3	41
HILL SEED	HS 2700	56.0	104	9-28	2.4	40
HOFER	GEM	52.6	97	9-28	3.0	37
KRUGER	K2195	54.0	100	9-28	2.5	41
LAND O' LAKES	L4204	55.8	103	9-28	2.5	42
LAND O' LAKES	L4205	59.5	110	9-28	2.6	42
LAND O' LAKES	L4207	58.0	107	9-28	2.9	40
LATHAM	1010	57.8	107	9-28	2.3	38
LYNKS	8248	48.7	90	9-28	2.4	41
MC CUBBIN	TAYLOR	59.2	109	9-28	2.6	40
MERSHMAN	CHEYENNE II	55.0	102	9-28	2.1	40
MERSHMAN	SHAWNEE III	57.6	106	9-28	2.6	44
NC+	2D90+	60.8	112	9-28	2.9	40
PRAIRIE BRAND	ZENITH	56.0	104	9-28	1.9	35
PROFI SEED	1350	56.2	104	9-28	2.3	42
RIVERSIDE	3033	57.1	106	9-28	2.4	38
S-BRAND	S-47C	57.8	107	9-28	2.4	41
SANDS	SCI EXP 227	60.7	112	9-28	2.3	47
SANDS	SCI 229	56.7	105	9-28	2.3	39

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TABLE 8. CONCLUDED

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
STINE	205CT	54.1	100	9-28	2.5	40
TERRA CHEMICALS	SPRINT	56.9	105	9-28	2.3	39
WILSONBLEND	25C5	56.4	104	9-28	2.9	39
WILSONBLEND	2505R	57.8	107	9-28	2.8	41
YOUNKERMANN	BCBCAT II	54.5	101	9-28	2.0	36
YOUNKERMANN	YSC 24	56.2	104	9-28	2.4	39
-----	MEAD	49.0	91	9-29	2.0	40
-----	PELLA	51.5	95	9-29	2.3	42
-----	WILL	50.1	93	9-29	2.0	35
AGRIPRO	AP250	59.5	110	9-29	2.6	46
DE SOY	777A	55.8	103	9-29	2.3	44
DE SOY	855	52.3	97	9-29	2.5	39
DEKALB	CX324	51.2	95	9-29	2.1	44
DIAMOND BRAND	D280B	53.3	99	9-29	2.3	39
DIAMOND BRAND	TC204A	53.3	99	9-29	2.5	41
FONTANELLE	5708	51.9	96	9-29	2.5	43
HILL SEED	HS 3000	56.3	104	9-29	2.9	42
HOEGEMEYER	2C5	57.6	106	9-29	2.5	38
HOEGEMEYER	350	61.0	113	9-29	2.4	39
HY-VIGOR	HYLANDER	50.6	94	9-29	3.0	44
LINCOLN SEED	LS 7225	56.4	104	9-29	2.5	38
LINCOLN SEED	LS 7234	57.0	105	9-29	2.5	38
MC CURDY	375B	56.5	104	9-29	2.8	43
MERSHMAN	CHEYENNE III	58.7	109	9-29	2.5	41
OHLDE	2092	51.4	95	9-29	2.1	38
OHLDE	2193	55.5	103	9-29	2.6	38
S-BRAND	S-47B	58.1	107	9-29	2.5	40
STINE	2530	52.4	97	9-29	2.6	41
TRI VALLEY	BRADLEY	58.4	108	9-29	2.6	38
TRI VALLEY	BRCNCC	57.7	107	9-29	2.6	40
DEKALB	CX380	32.8	61	9-30	2.1	45
FONTANELLE	5454	48.8	90	9-30	3.0	44
HORIZON	H-52	58.2	108	9-30	2.8	47
AVERAGE ALL ENTRIES		55.8	---	9-28	2.4	40.4
DIF. REQ. FOR SIG.	5%	7.2	---	1.2	0.6	4.4
	25%	4.3	---	0.7	0.3	2.6

Yield in bushels per acre and % of average of Century, Platte and Weber.
The % should be used to make comparisons with the early test in this area.

TABLE 9. NORTHEAST SOYBEAN PERFORMANCE. LATE ENTRIES. 1983-1984.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
TWO-YEAR AVERAGE							
-----	WEBER	49.4	99	9-20	2.2	40	3620
JACOBSEN	822	52.6	105	9-24	1.5	37	2880
-----	CENTURY	50.7	101	9-25	1.5	41	2930
-----	PLATTE	44.5	89	9-25	1.7	39	3180
TRI VALLEY	BLAZER	53.3	106	9-25	1.8	37	3230
-----	AMCOR	45.2	90	9-26	2.4	47	3290
DIAMOND BRAND	TC204A	49.7	99	9-26	1.8	41	3440
GOLDEN HARVEST	H-1285	52.9	106	9-26	1.8	41	3340
HOEGEMEYER	205	51.7	103	9-26	2.2	39	3350
KRUGER	K2195	50.2	100	9-26	2.2	42	3300
LAND O' LAKES	L4207	49.6	99	9-26	2.4	40	3240
LINCOLN SEED	LS 7225	51.1	102	9-26	2.0	40	3310
MC CUBBIN	TAYLOR	52.6	105	9-26	2.2	41	3410
NC+	2D90+	52.1	104	9-26	2.4	40	3440
PROFISEED	1350	50.7	101	9-26	1.9	42	3350
RIVERSIDE	3033	51.2	102	9-26	1.9	40	3350
S-BRAND	S-47C	51.5	103	9-26	1.7	40	3180
SANDS	SOI 229	51.2	102	9-26	1.8	40	3380
WILSONBLEND	2505	50.7	101	9-26	2.2	41	3240
YOUNKERMAN	BOBCAT II	49.2	98	9-26	1.7	38	3400
-----	HOBBIT	49.7	99	9-27	1.1	27	3620
-----	LOGAN	46.5	93	9-27	1.8	47	3030
AGRIPRO	AP250	48.8	98	9-27	2.1	47	3150
AGRIPRO	AP330	46.7	93	9-27	1.5	42	3050
ASGROW	A2943	52.6	105	9-27	1.4	38	3270
ASGROW	A3127	49.0	98	9-27	1.6	37	3680
DE SOY	777A	50.3	100	9-27	2.1	45	3260
S-BRAND	S-47B	50.7	101	9-27	1.9	40	3360
TRI VALLEY	BRADLEY	52.3	104	9-27	2.1	39	3370
TRI VALLEY	BRONCO	51.8	103	9-27	2.0	40	3370
-----	MEAD	44.3	89	9-28	1.5	38	3410
-----	PELLA	45.4	91	9-28	1.8	42	2870
-----	WILL	44.2	88	9-28	1.5	37	3340
FONTANELLE	5454	44.1	88	9-28	2.0	45	3430
HOEGEMEYER	350	50.7	101	9-28	1.9	40	3350
HORIZON	H-52	49.6	99	9-28	1.9	46	3310
MC CURDY	375B	49.8	100	9-28	2.2	42	3420
AVERAGE ALL ENTRIES		49.6	---	9-26	1.9	40.5	3301
DIF. REQ. FOR SIG. 5%		N.S.	---	1.9	0.6	3.9	143
25%		3.7	---	1.1	0.3	2.2	84

% yield based on average at Century, Weber and Platte (Amsoy 71 prior to 1984).

Seeds pound: No 1984 data. Two-year are 1983.

TABLE 10. NORTHEAST SOYBEAN PERFORMANCE. LATE ENTRIES. 1980-1984.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
THREE-YEAR AVERAGE							
-----	WEBER	46.3	99	9-21	1.8	37	3540
JACOBSEN	822	47.9	102	9-25	1.3	35	2790
-----	CENTURY	47.4	101	9-26	1.3	38	2760
-----	PLATTE	43.0	92	9-26	1.4	38	3050
DIAMOND BRAND	TC204A	46.8	100	9-27	1.5	39	3240
GOLDEN HARVEST	H-1285	50.2	107	9-27	1.5	39	3220
HOEGEMEYER	205	48.6	104	9-27	1.8	38	3150
LINCOLN SEED	LS 7225	48.2	103	9-27	1.7	38	3130
PROFISEED	1350	47.7	102	9-27	1.6	40	3140
RIVERSIDE	3033	49.3	105	9-27	1.6	38	3170
TRI VALLEY	BRADLEY	49.9	107	9-27	1.7	38	3220
TRI VALLEY	BRONCO	48.8	104	9-27	1.6	38	3140
WILSONBLEND	2505	48.4	103	9-27	1.8	39	3100
YOUNKERMEN	BOBCAT II	47.0	100	9-27	1.4	37	3180
-----	MEAD	42.9	92	9-28	1.3	36	3210
ASGROW	A3127	44.6	95	9-28	1.4	35	3430
LAND O' LAKES	L4207	45.9	98	9-28	2.1	38	3020
MC CURDY	3758	45.8	98	9-28	1.8	39	3230
S-BRAND	S-47B	48.0	102	9-28	1.6	38	3160
-----	HOBBIT	47.1	101	9-29	1.0	27	3270
-----	PELLA	44.5	95	9-29	1.5	40	2750
-----	WILL	40.4	86	9-30	1.3	35	3100
FONTANELLE	5454	41.5	89	9-30	1.7	42	3290
AVERAGE ALL ENTRIES		46.5	---	9-27	1.6	37.5	3143
DIF. REQ. FOR SIG.	5%	3.6	---	1.8	0.4	2.2	171
	25%	2.1	---	1.0	0.3	1.9	98
FOUR-YEAR AVERAGE							
-----	WEBER	46.9	98	9-21	2.1	37	3330
-----	PLATTE	43.8	92	9-25	1.6	38	2930
JACOBSEN	822	49.6	104	9-25	1.4	36	2640
-----	CENTURY	48.6	102	9-26	1.5	39	2620
DIAMOND BRAND	TC204A	48.4	101	9-27	1.8	39	3020
TRI VALLEY	BRONCO	49.6	104	9-27	1.9	39	2970
-----	MEAD	44.3	93	9-28	1.5	36	3080
HOEGEMEYER	205	49.4	103	9-28	2.0	38	2970
S-BRAND	S-47B	49.3	103	9-28	1.7	39	2990
WILSONBLEND	2505	48.2	101	9-28	2.1	39	2920
YOUNKERMEN	BOBCAT II	48.2	101	9-28	1.7	38	3000
ASGROW	A3127	46.1	97	9-29	1.5	36	3250
-----	PELLA	46.0	96	9-30	1.7	41	2580
-----	WILL	41.2	86	9-30	1.5	37	2970
AVERAGE ALL ENTRIES		47.1	---	9-27	1.7	38.0	2948
DIF. REQ. FOR SIG.	5%	3.3	---	1.9	0.4	2.6	125
	25%	1.9	---	1.1	0.2	1.5	71
FIVE-YEAR AVERAGE							
-----	WEBER	49.4	100	9-20	1.8	35	3330
-----	CENTURY	49.5	100	9-25	1.4	37	2620
-----	PLATTE	45.9	93	9-25	1.5	37	2930
-----	MEAD	45.9	93	9-27	1.4	35	3080
-----	PELLA	48.0	97	9-29	1.5	39	2580
-----	WILL	43.7	88	9-29	1.5	35	2970
AVERAGE ALL ENTRIES		47.1	---	9-26	1.5	36.3	2918
DIF. REQ. FOR SIG.	5%	3.5	---	2.1	N.S.	2.9	148
	25%	2.0	---	1.2	0.2	1.6	81

% yield based on average of Century, Weber and Platte (Amsoy 71 prior to 1984).
 Seeds pound: No 1984 data. Three-year are 1982-1983, etc. No 1980 data.

TABLE 11. EAST CENTRAL SOYBEAN PERFORMANCE. EARLY ENTRIES. 1981-1983. No 1984 DATA.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
TWO-YEAR AVERAGE							
-----	WEBER	40.7	.	9-23	1.0	29	3220
-----	NEBSOY	41.0	.	9-26	1.2	31	2670
-----	CORSOY 79	46.2	.	9-26	2.4	36	2840
NORTHRUP KING	S1492	45.7	.	9-26	1.8	32	2910
RIVERSIDE	4042	45.1	.	9-26	1.7	36	2800
ASGROW	A2680						
		44.3	.	9-27	1.8	31	2780
AGRIPRO	AP240	44.6	.	9-27	1.0	30	3170
PINE GROVE FARM	P2240	46.3	.	9-28	1.4	30	2840
-----	CENTURY	44.6	.	9-28	1.0	31	2570
-----	PLATTE	48.5	.	9-28	1.0	33	2680
NORTHRUP KING	S2596	48.1	.	9-28	1.0	29	2650
		47.1	.	9-29	1.7	35	2760
JACOBSEN	823	49.4	.	9-29	2.0	35	2880
S BRAND	S46C	47.8	.	9-30	1.6	33	2820
DIAMOND BRAND	TC204A	49.9	.	9-30	1.2	33	3000
LINCOLN SEED	LS 7225	49.3	.	9-30	1.8	34	2900
PRAIRIE BRAND	ZENITH	49.9	.	9-30	1.8	33	3020
S-BRAND	S-47B	52.6	.	9-30	1.7	34	2960
TRI VALLEY	BRADLEY	48.1	.	9-30	1.5	33	3090
TRI VALLEY	BRONCO	51.1	.	9-30	1.8	33	2940
WILSONBLEND	2505	51.0	.	9-30	2.3	35	2930
STOCK SEED	SS462A	50.5	.	10- 1	2.2	34	2840
-----	AMCOR	47.9	.	10- 1	2.6	39	2780
HOEGEMEYER	205	50.1	.	10- 1	1.6	34	3020
LAND O' LAKES	L4204	45.8	.	10- 1	2.1	33	2780
LAND O' LAKES	L4207	49.5	.	10- 1	2.4	34	2800
YOUNKERMEN	BOBCAT II	48.9	.	10- 1	1.9	35	2990
YOUNKERMEN	YSC 24	48.2	.	10- 1	1.7	33	2870
-----	WOODWORTH	41.8	.	10- 2	2.1	36	3220
-----	MEAD	43.1	.	10- 2	1.0	30	3250
YOUNKERMEN	YSC 32	51.3	.	10- 2	1.9	35	3080
FONTANELLE	5656	45.1	.	10- 4	1.9	40	2840
FONTANELLE	5454	47.8	.	10- 4	1.9	39	3100
AVERAGE ALL ENTRIES		47.3	---	9-29	1.7	33.6	2915
DIF. REQ. FOR SIG. 5%		4.3	---	3.2	0.6	2.0	222
25%		1.8	---	1.8	0.3	1.2	127
THREE-YEAR AVERAGE							
-----	WEBER	40.9	.	9-19	1.0	29	3180
-----	NEBSOY	40.7	.	9-22	1.1	31	2570
-----	CORSOY 79	45.3	.	9-22	1.9	36	2810
NORTHRUP KING	S1492	45.2	.	9-22	1.5	33	2870
ASGROW	A2680	44.2	.	9-23	1.5	31	2710
-----	PLATTE	47.1	.	9-24	1.0	33	2770
NORTHRUP KING	S2596	47.3	.	9-24	1.0	29	2520
-----	CENTURY	44.2	.	9-25	1.0	31	2450
JACOBSEN	823	48.0	.	9-25	1.7	35	2750
WILSONBLEND	2720	45.2	.	9-26	1.4	34	2630
-----	AMCOR	46.7	.	9-26	2.2	40	2680
TRI VALLEY	BRADLEY	48.0	.	9-26	1.3	34	2890
TRI VALLEY	BRONCO	49.9	.	9-26	1.5	34	2790
WILSONBLEND	2505	50.1	.	9-26	1.8	35	2790
YOUNKERMEN	BOBCAT II	48.8	.	9-26	1.6	35	2840
HOEGEMEYER	205	49.1	.	9-27	1.4	34	2860
YOUNKERMEN	YSC 24	47.8	.	9-27	1.4	33	2710
-----	WOODWORTH	42.4	.	9-29	1.7	37	3130
-----	MEAD	42.6	.	9-29	1.0	31	3130
FONTANELLE	5656	44.6	.	10- 1	1.6	40	2720
AVERAGE ALL ENTRIES		45.9	---	9.25	1.4	33.8	2790
DIF. REQ. FOR SIG. 5%		3.0	---	2.4	0.6	2.0	198
25%		1.7	---	1.4	0.3	1.1	114

% yield based on average of Century, Mead and Woodworth.

TABLE 12. EAST CENTRAL SOYBEAN PERFORMANCE. LATE ENTRIES, 1981-1983. NO 1984 DATA.

BRAND	ENTRY	YIELD		MATURE	LODGING	HEIGHT	SEEDS
		BU/A	%	DATE	SCORE	INCHES	POUND
TWO-YEAR AVERAGE							
PINE GROVE FARM	P-2260	48.5	.	9-30	2.1	35	2950
-----	CENTURY	46.6	.	9-30	1.0	33	2490
AGRIPRO	AP250	44.7	.	10- 1	1.7	41	2890
RIVERSIDE	3033	49.1	.	10- 1	1.7	35	2970
STINE	3102	50.9	.	10- 2	1.8	35	3250
SANDS	SOI 382-1	46.6	.	10- 3	2.4	39	3030
-----	MEAD	44.5	.	10- 3	1.0	33	3150
HOEGEMEYER	350	46.1	.	10- 3	1.7	37	3060
HOEGEMEYER	384	47.7	.	10- 3	2.3	40	3050
MC CUBBIN	TRQY II	48.9	.	10- 3	2.1	36	3190
MC CURDY	375B	50.5	.	10- 3	2.0	36	3120
MERSHMAN	TRUMAN II	49.2	.	10- 3	1.9	36	3210
S-BRAND	S-52A	49.8	.	10- 3	1.8	36	3120
S-BRAND	S-56A	50.6	.	10- 3	1.8	37	3170
STINE	3010+	49.6	.	10- 3	2.0	36	3210
TRI VALLEY	COMET	45.3	.	10- 3	1.7	38	3000
WILSONBLEND	3130	42.4	.	10- 3	1.8	38	2960
YOUNKERMEN	CUTLASS	50.3	.	10- 3	2.1	37	3140
MC CUBBIN	LEO II	47.8	.	10- 4	1.9	39	3040
STOCK SEED	SS793	46.6	.	10- 4	1.5	37	2690
WILSONBLEND	3550	46.7	.	10- 4	2.1	39	2900
DIAMOND BRAND	D290	45.1	.	10- 4	1.7	38	2830
YOUNKERMEN	COUGAR	49.8	.	10- 4	1.9	38	3050
LINCOLN SEED	LS7340	46.0	.	10- 5	1.4	36	2670
ASGROW	A3127	46.5	.	10- 5	1.4	33	3340
FONTANELLE	6161	44.9	.	10- 5	1.5	37	2680
-----	WOODWORTH	40.7	.	10- 6	2.0	37	3230
-----	HOBBIT	47.6	.	10- 6	1.0	24	3020
-----	PELLA	49.1	.	10- 6	1.5	38	2400
-----	WILL	40.9	.	10- 6	1.9	35	3030
DIAMOND BRAND	D310	41.2	.	10- 6	1.5	39	2760
TRI VALLEY	BRONCO II	47.1	.	10- 6	2.2	40	3110
LAND O' LAKES	L4104	43.8	.	10- 7	1.9	38	2800
-----	CUMBERLAND	46.5	.	10- 8	2.0	39	2740
RIVERSIDE	202R	45.7	.	10- 8	1.5	38	2600
ASGROW	A3659	42.7	.	10-10	1.0	33	3250
DEKALB	CX380	40.6	.	10-10	1.7	40	3000
-----	ELF	43.9	.	10-11	1.0	27	3160
-----	WILLIAMS 82	42.5	.	10-11	2.1	39	2940
AVERAGE ALL ENTRIES		46.3	---	10-4	1.7	36.5	2979
DIF. REQ. FOR SIG. 5%		5.1	---	4.4	0.8	2.1	296
THREE-YEAR AVERAGE							
-----	CENTURY	45.3	.	9-27	1.0	33	2390
AGRIPRO	AP250	44.8	.	9-28	1.4	40	2690
S-BRAND	S-52A	49.6	.	9-29	1.5	36	2980
STOCK SEED	SS793	45.7	.	9-30	1.3	36	2570
WILSONBLEND	3550	45.2	.	9-30	1.7	38	2750
-----	MEAD	44.2	.	9-30	1.0	33	3030
HOEGEMEYER	384	47.5	.	9-30	1.9	40	2900
STINE	3010+	48.0	.	9-30	1.7	36	3100
WILSONBLEND	3130	43.5	.	9-30	1.5	38	2840
YOUNKERMEN	COUGAR	48.7	.	9-30	1.6	38	2910
YOUNKERMEN	CUTLASS	49.1	.	9-30	1.7	37	3060
-----	PELLA	47.3	.	10- 1	1.3	37	2330
ASGROW	A3127	46.9	.	10- 1	1.3	34	3210
FONTANELLE	6161	45.4	.	10- 1	1.3	36	2550
-----	WOODWORTH	40.4	.	10- 2	1.7	37	3160
-----	HOBBIT	46.1	.	10- 2	1.0	26	2850
-----	WILL	41.8	.	10- 2	1.6	36	2910
TRI VALLEY	BRONCO II	47.0	.	10- 2	1.8	40	2990
-----	CUMBERLAND	45.1	.	10- 3	1.7	39	2610
ASGROW	A3659	42.9	.	10- 6	1.0	33	3070
DEKALB	CX380	40.6	.	10- 6	1.4	39	2870
-----	ELF	43.3	.	10- 7	1.0	28	3050
AVERAGE ALL ENTRIES		45.4	---	10- 1	1.4	35.9	2855
DIF. REQ. FOR SIG. 5%		4.2	---	3.1	0.7	2.3	205
25%		2.5	---	1.8	0.4	1.3	111

%yield based on average of Century, Mead and Woodworth.

Table 13. Mead irrigated soybean performance. Saunders County. 1984.

Variety	Yield bu/A	Mature date	Lodging score	Height inches	Seed quality	Grams 100 seeds
Corsoy 79	30.4	9-23	1.0	28	2.0	17.2
Amsoy 71	28.8	9-24	1.3	29	2.0	16.7
Nebsoy	32.3	9-24	1.0	25	2.1	17.4
Platte	33.3	9-25	1.0	27	2.4	17.2
Elgin	37.0	9-25	1.3	28	1.8	16.8
Hack	37.8	9-26	1.0	23	2.4	18.7
Century 84	42.4	9-26	1.0	25	2.3	19.8
Amcor	28.6	9-27	1.5	30	2.4	17.0
Century	39.9	9-28	1.0	27	2.0	19.4
Logan	34.9	9-30	1.4	32	2.0	18.5
U76360	34.8	9-30	1.1	27	2.0	17.1
Mead	31.3	9-30	1.0	27	2.4	16.7
Will	35.1	10-1	1.1	28	2.1	17.2
Pella	33.6	10-1	1.0	29	2.4	20.6
Zane	33.1	10-2	1.1	27	2.5	20.8
Winchester	35.6	10-2	1.0	29	2.1	18.5
Hobbit	31.4	10-2	1.0	19	2.0	16.7
Williams 82	31.7	10-2	1.1	32	2.3	16.8
Harper	31.0	10-3	1.0	27	2.8	19.9
Cumberland	29.6	10-3	1.3	32	2.8	18.8
Average all entries	33.6	9-29	1.1	27.4	2.2	18.1
Dif. req. for sig. 5%	6.7	1.9	0.3	3.8	0.4	1.0
25%	3.9	1.1	0.2	2.2	0.2	0.6

Table 14. Mead irrigated soybean performance. 1980-1984.

Variety	Grain yield, bu/A							1980-1984 average				
	1980	1981	1982	1983	1984	1983-84 average	1980-84 average	Mature date	Lodging score	Height inches	Seed quality	Gms/100 seeds
Weber	----	54.8	49.9	52.0	----	----	----	----	---	--	---	----
Corsoy 79	53.6	51.8	50.3	57.1	30.4	43.8	48.6	9-22	2.5	39	1.9	16.7
Nesboy	51.2	55.1	53.5	55.7	32.3	44.0	49.6	9-23	1.5	34	2.4	18.6
Platte	61.4	55.7	54.6	54.4	33.3	43.9	51.9	9-24	1.7	37	2.2	17.0
Amsoy 71	48.5	51.3	----	56.0	28.8	42.4	----	----	---	--	---	----
Elgin	----	----	----	54.9	37.0	46.0	----	----	---	--	---	----
Hack	----	----	----	----	37.8	----	----	----	---	--	---	----
Century 84	----	----	----	----	42.4	----	----	----	---	--	---	----
Century	57.2	56.7	54.5	56.7	39.9	48.3	53.0	9-25	1.6	36	1.8	19.2
Amcor	49.2	47.6	52.6	57.9	28.6	43.3	47.2	9-29	3.1	43	2.3	16.8
Logan	----	55.0	----	57.0	34.9	46.0	----	----	---	--	---	----
U76360	----	----	----	----	34.8	----	----	----	---	--	---	----
Mead	56.4	48.5	51.0	49.1	31.3	40.2	47.3	9-30	1.6	35	2.0	16.2
Pella	50.7	45.0	---	52.7	33.6	43.2	----	----	---	--	---	----
Will	53.9	50.8	52.7	50.0	35.1	42.6	48.5	9-30	2.1	35	1.7	17.2
Zane	----	----	----	----	33.1	----	----	----	---	--	---	----
Woodworth	48.8	44.6	47.6	47.9	----	----	----	----	---	--	---	----
Hobbit	65.4	68.6	60.7	52.6	31.4	42.0	55.7	10-1	1.3	22	1.4	17.7
Harper	----	----	----	50.4	31.0	40.7	----	----	---	--	---	----
Winchester	----	----	----	45.1	35.6	40.4	----	----	---	--	---	----
Williams 82	----	43.3	----	45.3	31.7	38.5	----	----	---	--	---	----
Cumberland	54.9	47.1	----	49.9	29.5	39.7	----	----	---	--	---	----
Dif. req. for sig.	5%	5.6	5.0	5.8	5.7	6.7	N.S.	3.0	0.5	3.1	0.3	1.1
	25%	3.2	2.9	3.4	3.3	3.9	N.S.	1.8	0.3	1.8	0.2	0.6

Table 15. Mead nonirrigated soybean performance. Saunders County. 1979-1983. No 1984 Data.

Variety	Grain yield, bu/A							1979-1983 average				
	1979	1980	1981	1982	1983	1981-83 average	1979-83 average	Mature date	Lodging score	Height inches	Seed quality	Grams 100 seeds
Weber	----	----	51.0	48.7	28.1	42.6	----	----	---	--	---	----
Corsoy 79	36.9	44.5	53.3	45.1	36.4	44.9	43.2	----	2.3	36	2.1	16.3
Amsoy 71	35.5	43.8	50.7	----	31.1	----	----	9-22	---	--	---	----
Exp. 83-4	----	----	----	----	36.3	----	----	----	---	--	---	----
Nebsoy	33.9	44.1	54.3	52.3	34.7	47.1	43.9	9-22	1.5	32	2.7	18.4
Century	33.4	48.6	60.0	55.9	34.2	50.3	46.4	9-23	1.3	31	2.3	19.5
Platte	40.7	47.1	56.7	57.2	45.9	53.3	49.5	9-23	1.4	34	3.1	17.5
Amcor	40.4	41.5	53.0	49.6	42.6	48.4	45.4	9-27	2.7	40	2.4	17.1
Elgin	----	----	----	----	40.2	----	----	----	---	--	---	----
Mead	38.6	47.8	50.8	54.2	36.8	47.3	45.6	9-28	1.3	29	2.2	15.9
Logan	----	----	----	----	38.9	----	----	----	---	--	---	----
Pella	42.0	51.2	55.5	----	41.3	----	----	----	---	--	---	----
Woodworth	40.3	48.1	49.0	46.8	37.6	44.5	44.4	9-29	1.9	37	2.1	15.2
Will	38.6	51.2	53.7	52.8	38.8	48.4	47.0	9-30	1.7	32	1.7	17.2
Williams 82	----	----	53.0	----	38.1	----	----	----	---	--	---	----
Winchester	----	----	----	----	38.6	----	----	----	---	--	---	----
Cumberland	34.6	48.8	53.6	----	40.0	----	----	----	---	--	---	----
Hobbit	46.8	55.0	72.6	61.9	42.2	58.9	55.7	10-3	1.1	23	1.4	17.6
Harper	----	----	----	----	43.0	----	----	----	---	--	---	----
Dif. req. sig. 5%	5.2	6.9	4.9	5.8	5.1	6.7	4.6	2.3	0.5	3.3	0.4	1.0
25%	3.0	3.9	2.8	3.3	2.9	3.8	2.6	1.3	0.3	1.9	0.2	0.6

Table 16. Lincoln nonirrigated soybean performance. Lancaster County. 1979-1983. No 1982, 1984 data.

Variety	Grain yield, bu/A						1979-1983 average				
	1979	1980	1981	1983	1981-83 average	1979-83 average	Mature Sept.	Lodging score	Height inches	Seed quality	Grams 100 seeds
Weber	----	----	63.5	30.2	46.9	----	--	---	--	---	----
Corsoy 79	41.8	37.4	60.8	33.2	47.0	43.3	15	2.4	37	2.4	16.1
Exp. 83-84	----	----	----	24.9	----	----	--	---	--	---	----
Nebsoy	43.9	41.6	59.5	33.1	46.3	44.5	17	1.5	33	3.1	18.2
Platte	51.8	47.1	67.2	38.9	53.1	51.3	18	1.2	36	2.7	16.5
Elgin	----	----	----	31.5	----	----	--	---	--	---	----
Amsoy 71	39.5	43.2	57.9	33.1	45.5	43.4	19	2.0	41	2.6	16.4
Century	46.8	47.6	64.4	33.9	49.2	48.2	20	1.4	32	2.3	18.4
Amcor	36.4	38.4	61.4	35.5	48.5	42.9	21	2.4	40	2.6	16.7
Mead	53.9	40.8	66.6	36.1	51.4	49.4	23	1.4	30	2.5	16.6
Logan	----	----	70.5	37.2	53.9	----	--	---	--	---	----
Will	48.0	46.5	63.4	32.3	47.9	47.6	24	1.3	30	2.0	16.9
Pella	44.7	47.7	66.0	33.4	49.7	48.0	24	1.5	36	2.5	19.1
Woodworth	45.0	41.5	62.3	36.7	49.5	46.4	25	1.5	39	2.0	15.3
Hobbit	52.0	48.6	62.8	24.4	43.6	47.0	25	1.0	18	1.8	18.1
Cumberland	40.6	39.7	66.4	33.9	50.2	45.2	27	1.6	34	2.6	17.8
Harper	----	----	----	30.5	----	----	--	---	--	---	----
Winchester	----	----	----	31.7	----	----	--	---	--	---	----
Williams 82	----	----	58.9	30.0	44.5	----	--	---	--	---	----
Dif. sig. 5%	9.4	N.S.	7.0	5.6	8.3	5.2	2.2	0.5	3.5	0.3	2.0
25%	5.5	N.S.	4.1	3.2	3.2	3.0	1.3	0.3	2.1	0.2	1.2

TABLE 17. SOUTHEAST SOYBEAN PERFORMANCE. NEMAHA COUNTY. EARLY ENTRIES. 1984.

BRAND	ENTRY	YIELD		MATURE DATE	LOGGING SCORE	HEIGHT INCHES
		BU/A	%			
AGRIPRO	AP240	41.2	99	9-17	1.0	33
-----	PLATTE	40.6	97	9-18	1.5	39
-----	CENTURY84	36.3	87	9-18	1.0	34
OHLDE	2193	46.8	112	9-19	2.3	38
-----	CENTURY	39.9	95	9-20	1.0	37
-----	U-7636C	39.8	95	9-20	1.5	38
AGRIPRO	HP3033S	35.0	84	9-20	1.3	37
DEKALB	CX283	46.1	110	9-20	2.5	40
NC+	2D9C+	44.6	107	9-20	2.0	38
PRAIRIE BRAND	ZENITH	47.3	113	9-20	2.0	36
RIVERSIDE	3C33	47.8	114	9-20	2.3	37
WILSONBLEND	25C5R	38.9	93	9-20	2.5	39
-----	ZANE	44.2	106	9-21	1.5	38
ASGROW	A2943	45.9	110	9-21	1.0	35
HILL SEED	HS 3000	38.4	92	9-21	2.3	39
LAND O' LAKES	L4207	39.6	95	9-21	2.5	37
OHLDE	3193A	46.3	111	9-21	2.3	39
STINE	3500	42.3	101	9-21	2.0	40
TRI VALLEY	BRADLEY	43.6	104	9-21	2.0	38
YOUNKERMEN	CAPRICE	44.9	107	9-21	2.3	42
-----	PELLA	41.6	100	9-22	1.5	38
DEKALB	CX324	41.4	99	9-22	2.0	41
FONTANELLE	5454	39.3	94	9-22	2.0	46
HILL SEED	HS 3050	40.1	96	9-22	2.3	45
LAND O' LAKES	L3665	38.6	92	9-22	1.8	40
MC CUBBIN	TROY III	42.6	102	9-22	2.0	43
MERSHMAN	TRUMAN II	41.7	100	9-22	1.8	42
PRAIRIE BRAND	PB340	41.0	98	9-22	1.8	42
S-BRAND	S-56B	42.6	102	9-22	2.5	41
SANDS	SCI EXP 300	44.6	107	9-22	1.8	41
TRI VALLEY	BRAT	43.1	103	9-22	3.0	44
TRI VALLEY	BRAT II	41.8	100	9-22	2.3	42
YOUNKERMEN	YSC 32	44.6	107	9-22	2.0	39
AGRIPRO	AP250	45.5	109	9-23	2.0	42
AGRIPRO	AP330	40.5	97	9-23	1.8	41
AGRIPRO	HP3440	41.9	100	9-23	2.0	43
ASGROW	A3127	42.1	101	9-23	1.3	34
DE SOY	919	41.2	99	9-23	1.8	41
HOEGEMEYER	384	41.6	100	9-23	2.5	46
HORIZON	H-52	43.5	104	9-23	2.8	45
LEWIS	37	40.6	97	9-23	1.5	39
NC+	3F63	43.0	103	9-23	2.0	41
RIVERSIDE	2C19	41.9	100	9-23	1.5	40
STINE	3C10+	43.3	104	9-23	1.8	40
STINE	3102	42.9	103	9-23	2.0	40

CONTINUED

TABLE 17. CONCLUDED.

BRAND	ENTRY	YIELD		MATURE DATE	LOGGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	HCBBIT	44.0	105	9-24	1.0	27
-----	MEAD	44.3	106	9-24	1.3	35
-----	WILL	38.8	93	9-24	1.3	37
DE SOY	830	40.9	98	9-24	2.0	40
DE SOY	875	40.1	96	9-24	2.0	39
GOLDEN HARVEST	H-1320	42.0	100	9-24	2.5	40
HOFER	TOPAZ	41.7	100	9-24	2.8	43
KRUGER	KB335	44.2	106	9-24	1.3	39
OHLDE	3380	40.4	97	9-24	1.5	42
PRAIRIE BRAND	PB331	40.7	97	9-24	3.0	42
S-BRAND	S-57	43.8	105	9-24	1.8	40
-----	LOGAN	42.2	101	9-25	2.8	45
HILL SEED	HS 3750	38.2	91	9-25	1.5	43
KRUGER	KB330A	43.9	105	9-25	2.3	41
KRUGER	K3035S	42.7	102	9-25	2.0	39
LEWIS	34	40.8	98	9-25	2.0	42
LYNKS	8311	42.7	102	9-25	2.0	41
MC CUBBIN	TRCY	39.8	95	9-25	1.3	39
SANDS	SOI 322	36.9	88	9-25	2.5	43
SANDS	SOI 337	41.3	99	9-25	1.8	41
WILSONBLEND	EXP. 186	41.2	99	9-25	1.5	40
WILSONBLEND	3130	44.0	105	9-25	2.5	41
YOUNKERMAN	CUTLASS	41.8	100	9-25	2.3	41
-----	CUMBERLAND	41.6	100	9-26	2.3	40
LAND O' LAKES	L4104	40.3	96	9-26	2.3	44
MC CURDY	ML3	39.2	94	9-26	2.3	46
MERSHMAN	KENNEDY	41.4	99	9-26	1.5	41
S-BRAND	S-58A	46.1	110	9-26	1.5	38
ASGROW	A3420	39.4	94	9-28	1.8	41
DIAMOND BRAND	D290	41.4	99	9-28	2.0	41
MC CUBBIN	EX 60316	41.7	100	9-28	2.0	42
RIVERSIDE	202R	41.8	100	9-28	2.0	40
-----	HARPER	44.8	107	9-30	1.0	36
-----	WILLIAMS 82	39.5	94	9-30	2.0	41
-----	WINCHESTER	39.4	94	9-30	1.3	39
D.S.G.R.	DX84-35	37.3	89	9-30	2.8	44
DIAMOND BRAND	D310	37.0	89	9-30	2.3	44
AVERAGE ALL ENTRIES		41.8	---	9-23	1.9	40.1
DIF. REQ. FOR SIG. 5%		4.4	---	2.3	0.6	2.2
25%		2.6	---	1.4	0.4	1.3

Yield in bushels per acre and average of Pella, Williams 82 and Mead. The % should be used in making comparisons with the late test in this area.

TABLE 18. SOUTHEAST SOYBEAN PERFORMANCE - EARLY ENTRIES - 1983-1984

BRAND	ENTRY	BU/A	YIELD %	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
TWO-YEAR AVERAGE							
AGRIPRO	AP240	34.8	89	9-13	1.0	30	3360
-----	PLATTE	37.4	95	9-14	1.3	35	3510
-----	CENTURY	36.6	93	9-16	1.0	33	2850
RIVERSIDE	3033	40.3	103	9-17	1.8	34	3610
LAND O' LAKES	L4207	35.9	92	9-18	1.9	33	3070
NC+	2D90+	40.2	103	9-18	1.5	34	3450
PRAIRIE BRAND	ZENITH	40.0	102	9-18	1.5	33	3470
TRI VALLEY	BRADLEY	39.1	100	9-18	1.5	35	3500
AGRIPRO	AP250	40.8	104	9-19	1.5	39	3030
ASGROW	A2943	41.4	106	9-19	1.0	32	3380
FONTANELLE	5454	38.1	97	9-19	1.5	40	3060
MERSHMAN	TRUMAN II	38.2	97	9-19	1.8	37	3320
YOUNKERMEN	YSC 32	40.1	102	9-19	1.5	35	3500
-----	PELLA	39.2	100	9-20	1.3	35	2630
AGRIPRO	AP330	37.1	95	9-20	1.4	36	2850
DE SOY	875	36.9	94	9-20	1.5	35	3110
HOEGEMEYER	384	37.7	96	9-20	1.9	40	3240
NC+	3F63	39.0	99	9-20	1.7	36	3320
S-BRAND	S-568	40.9	104	9-20	2.2	37	3450
STINE	3010+	39.5	101	9-20	1.6	36	3310
STINE	3102	38.7	99	9-20	1.5	35	3430
WILSONBLEND	3130	37.3	95	9-20	1.9	37	3110
-----	LOGAN	40.1	102	9-21	2.1	41	2920
-----	WILL	37.6	96	9-21	1.2	33	3310
ASGROW	A3127	37.2	95	9-21	1.4	31	3850
DE SOY	830	37.6	96	9-21	1.5	37	3060
DE SOY	919	39.8	102	9-21	1.6	37	3020
GOLDEN HARVEST	H-1320	39.3	100	9-21	1.8	37	3220
KRUGER	K3035S	38.2	97	9-21	1.5	35	3270
PRAIRIE BRAND	PB331	36.1	92	9-21	2.0	37	3230
YOUNKERMEN	CUTLASS	37.9	97	9-21	1.7	35	3250
-----	HOBBIT	40.9	104	9-22	1.0	26	3060
-----	MEAD	37.7	96	9-22	1.2	31	3240
MC CURDY	ML3	37.1	95	9-22	1.8	41	2970
SANDS	SCI 322	28.2	72	9-22	1.8	36	3330
-----	CUMBERLAND	34.3	88	9-23	1.7	37	2900
LAND O' LAKES	L4104	36.5	93	9-23	1.8	39	3030
-----	HARPER	39.2	100	9-24	1.0	32	2600
DIAMOND BRAND	D290	36.3	93	9-24	1.5	36	3090
RIVERSIDE	202R	37.7	96	9-24	1.5	36	2710
-----	WINCHESTER	35.4	90	9-26	1.2	35	2940
DIAMOND BRAND	D310	35.1	90	9-26	1.7	36	2650
-----	WILLIAMS 82	37.8	96	9-27	1.7	38	3200
AVERAGE ALL ENTRIES		37.9	---	9-21	1.5	35.5	3172
DIF. REQ. FOR SIG. 5%		5.1	---	2.4	N.S.	3.1	196
25%		3.0	---	1.4	0.4	1.8	115

Yield in bushels per acre and % of Pella, Williams 82 and Mead. The % should be used in making comparisons with the early test in this area.

TABLE 19. SOUTHEAST SOYBEAN PERFORMANCE. EARLY ENTRIES. 1980-1984.

		YIELD		MATURE	LODGING	HEIGHT	SEEDS
BRAND	ENTRY	BU/A	%	DATE	SCORE	INCHES	POUND
THREE-YEAR AVERAGE							
AGRIPRO	AP240	39.7	89	9-18	1.2	31	3110
-----	PLATTE	43.8	99	9-19	1.3	35	3120
-----	CENTURY	42.3	95	9-20	1.0	34	2560
RIVERSIDE	3033	45.9	103	9-22	2.1	35	3210
TRI VALLEY	BRADLEY	44.8	101	9-22	1.8	35	3060
AGRIPRO	AP250	44.6	100	9-23	2.1	41	2820
LAND O' LAKES	L4207	41.6	94	9-23	2.6	35	2790
PRAIRIE BRAND	ZENITH	45.3	102	9-23	2.3	36	3060
-----	PELLA	44.4	100	9-24	1.3	36	2460
FONTANELLE	5454	42.8	96	9-24	2.0	41	2850
HOEGEMEYER	384	42.8	96	9-24	2.7	41	2950
MERSHMAN	TRUMAN II	44.3	100	9-24	2.2	38	3020
STINE	3010+	43.9	99	9-24	2.1	38	3020
STINE	3102	44.5	100	9-24	2.1	36	3130
-----	MEAD	42.7	96	9-25	1.1	33	3060
GOLDEN HARVEST	H-1320	45.8	103	9-25	2.1	38	2990
KRUGER	K3035S	44.0	99	9-25	1.8	37	3020
WILSONBLEND	3130	41.9	94	9-25	2.4	39	2840
YOUNKERMEN	CUTLASS	41.8	94	9-25	2.0	37	3010
-----	HOBBIT	47.1	106	9-26	1.0	26	2780
-----	WILL	42.6	96	9-26	1.4	35	2930
ASGROW	A3127	44.6	100	9-26	1.4	33	3390
-----	CUMBERLAND	39.9	90	9-27	2.2	38	2570
LAND O' LAKES	L4104	40.8	92	9-27	2.0	41	2680
RIVERSIDE	202R	40.8	92	9-27	1.6	38	2540
DIAMOND BRAND	D310	40.3	91	9-29	1.9	39	2520
AVERAGE ALL ENTRIES		43.2	---	9-24	1.8	36.4	2903
DIF. REQ. FOR SIG.	5%	4.0	----	2.0	0.8	2.7	255
	25%	2.3	----	1.2	0.4	1.6	146
FOUR-YEAR AVERAGE							
-----	CENTURY	44.4	96	9-19	1.6	37	2420
AGRIPRO	AP250	45.1	98	9-22	2.5	43	2710
-----	PELLA	46.2	100	9-23	1.8	39	2340
FONTANELLE	5454	45.8	99	9-23	2.3	43	2750
HOEGEMEYER	384	45.5	98	9-23	3.0	43	2810
STINE	3010+	46.2	100	9-23	2.5	40	2850
-----	MEAD	44.7	97	9-24	1.5	35	2950
WILSONBLEND	3130	43.9	95	9-24	2.7	41	2700
YOUNKERMEN	CUTLASS	45.2	98	9-24	2.4	39	2870
-----	HOBBIT	49.5	107	9-25	1.2	26	2730
-----	WILL	44.4	96	9-25	1.9	37	2760
ASGROW	A3127	47.9	104	9-25	1.7	36	3200
LAND O' LAKES	L4104	43.5	94	9-25	2.6	43	2580
-----	CUMBERLAND	42.8	93	9-26	2.5	40	2430
AVERAGE ALL ENTRIES		45.4	---	9-24	2.2	38.7	2721
DIF. REQ. FOR SIG.	5%	N.S.	---	1.5	0.7	2.7	174
	25%	2.1	---	0.9	0.4	1.6	100
FIVE-YEAR AVERAGE							
-----	CENTURY	40.8	96	9-19	1.5	36	2620
-----	PELLA	42.5	100	9-23	1.6	38	2490
-----	MEAD	41.5	98	9-24	1.4	34	3100
-----	HOBBIT	45.7	108	9-25	1.2	25	2870
-----	WILL	42.8	101	9-25	1.7	35	2860
-----	CUMBERLAND	40.1	94	9-26	2.2	39	2480
AVERAGE ALL ENTRIES		42.2	---	9-24	1.6	34.5	2737
DIF. REQ. FOR SIG.	5%	3.6	---	1.6	0.6	2.5	196
	25%	2.0	---	0.9	0.3	1.4	111

% yield based on average of Pella, Williams 82(79 prior to 1983) and Mead (Woodworth prior to 1984).

Seeds pound: No 1984 data. Two-year are 1983, three-year are 1982-1983, etc.

TABLE 20. SOUTHEAST SOYBEAN PERFORMANCE. NEMAHA COUNTY. LATE ENTRIES. 1984.

BRAND	ENTRY	YIELD		MATURE DATE	LOGGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	PELLA	42.9	102	9-22	1.3	39
-----	MEAD	42.9	102	9-23	1.0	33
DE SOY	855	41.4	98	9-23	1.5	41
OHLDE	3193	42.2	100	9-23	1.5	40
S-BRAND	S-56A	43.4	103	9-23	2.0	41
TRI VALLEY	CHARGER 85	43.5	103	9-23	2.3	42
KRUGER	KB330	41.5	98	9-24	1.8	42
LAND O' LAKES	GC-41	41.7	99	9-24	2.0	41
DE SOY	950	43.3	103	9-25	1.3	38
S-BRAND	S-600	40.2	95	9-25	1.5	39
KRUGER	K4120	42.4	101	9-26	2.0	40
NC+	3089	40.2	95	9-26	2.0	36
OHLDE	3630	41.3	98	9-26	1.8	39
DE SOY	975	43.7	104	9-27	1.3	41
KRUGER	K4121	43.9	104	9-27	2.3	41
LYNKS	8393	43.9	104	9-27	1.8	40
OHLDE	3288	42.6	101	9-27	2.0	36
WILSONBLEND	3450	43.8	104	9-27	2.0	42
HOFER	CCRAL	42.6	101	9-28	2.0	40
SANDS	SCI EXP 339	40.7	97	9-28	2.5	42
HOEGEMEYER	390	42.7	101	9-29	2.0	41
MIDWEST OILSEEDS	4500E	42.9	102	9-29	2.0	42
D.S.G.R.	DX84-41	42.7	101	9-30	2.0	41
NORTHROP KING	S39-93	42.5	101	9-30	1.5	38
WILSONBLEND	3560	44.2	105	9-30	2.3	42
YOUNKERMAN	DASHER	42.5	101	9-30	2.5	42
YOUNKERMAN	YSC 42	42.3	100	9-30	2.0	41
-----	WILLIAMS 82	40.6	96	10- 1	1.8	39
-----	WINCHESTER	39.3	93	10- 1	1.5	40
DEKALB	CX380	40.4	96	10- 1	1.5	39
FONTANELLE	6464	40.3	96	10- 1	2.5	42
FUNK	G3396 BRAND	42.2	100	10- 1	1.5	42
FUNK	12252	42.6	101	10- 1	2.0	38
HOEGEMEYER	392	42.0	100	10- 1	2.0	43
LAND O' LAKES	L4106	38.2	91	10- 1	2.0	41
MC CURDY	441B	38.3	91	10- 1	2.5	45
STINE	3560	39.9	95	10- 1	2.0	39
TRI VALLEY	TV 38	35.7	85	10- 1	2.8	43
D.S.G.R.	DX83-41	36.8	87	10- 2	2.3	44
DIAMOND BRAND	D325	40.4	96	10- 2	2.5	44
FONTANELLE	6450	43.2	103	10- 2	2.8	41
RIVERSIDE	2024	43.5	103	10- 2	2.5	47
ASGROW	A3966	39.4	94	10- 3	2.3	43
COKER	393	43.6	103	10- 3	2.0	38
D.S.G.R.	DX83-42	41.9	99	10- 3	3.0	47

CONTINUED

TABLE 20. CONCLUDED.

BRAND	ENTRY	YIELD		MATURE DATE	LOGGING SCORE	HEIGHT INCHES
		BU/A	%			
DIAMOND BRAND	D355B	35.6	84	10- 3	2.0	46
LEWIS	44	40.6	96	10- 3	2.0	42
LEWIS	46	44.3	105	10- 3	3.3	45
MC CUBBIN	EX 80404	39.4	94	10- 3	2.3	42
MERSHMAN	EISENHOWER	44.8	106	10- 3	2.3	44
NORTHROP KING	S42-40	42.8	102	10- 3	2.0	39
S-BRAND	S-65	42.4	101	10- 3	2.3	44
SRF	77-36799D	40.1	95	10- 3	2.0	36
STINE	4500	44.7	106	10- 3	2.8	44
TRI VALLEY	VP-3	39.3	93	10- 3	2.0	41
-----	SPARKS	37.7	89	10- 4	2.5	48
AGRIPO	AP350	32.3	77	10- 4	2.8	48
AGRIPO	AP420	37.7	89	10- 4	2.8	48
AGRIPO	HP3990	39.6	94	10- 4	2.3	49
HILL SEED	HS 4150	37.1	88	10- 4	3.0	47
HOEGEMEYER	450	39.9	95	10- 4	2.3	43
MC CUBBIN	ALBANY II	43.2	103	10- 4	2.8	46
MC CUBBIN	CARSON	36.1	86	10- 4	4.0	50
MERSHMAN	ATLANTA	39.6	94	10- 4	3.0	44
MERSHMAN	BCSTON	39.7	94	10- 4	3.0	46
NAPB	EXD38	42.0	100	10- 4	2.0	39
AVERAGE ALL ENTRIES		41.1	---	9-30	2.2	41.9
DIF. REQ. FOR SIG.	5%	4.1	---	2.2	0.7	2.5
	25%	2.4	---	1.3	0.4	1.5

Yield in bushels per acre and % of Pella, Williams 82 and Mead. The % should be used in making comparisons with the early test in this area.

TABLE 21. SOUTHEAST SOYBEAN PERFORMANCE. LATE ENTRIES. 1980-1984.

BRAND		ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
			BU/A	%				
TWO-YEAR AVERAGE								
-----		PELLA	38.9	100	9-20	1.2	34	2580
S-BRAND		S-56A	39.3	101	9-20	1.5	35	3090
KRUGER		KB330	39.3	101	9-21	1.6	35	3120
LAND O' LAKES		GC-41	39.1	101	9-21	1.7	36	3060
S-BRAND		S-60C	37.5	96	9-21	1.3	34	3090
KRUGER		K4120	38.7	99	9-23	1.5	36	2940
NC+		3D89	37.8	97	9-24	1.7	33	3220
MIDWEST OILSEEDS		4500E	38.8	100	9-25	1.5	37	2900
YOUNKERMAN		YSC 42	39.0	100	9-25	1.5	36	3000
DIAMOND BRAND		D325	36.1	93	9-26	1.9	36	2890
FONTANELLE		6464	35.8	92	9-26	1.8	37	3050
HOEGEMEYER		392	37.9	97	9-26	1.5	37	2910
TRI VALLEY		TV 38	34.1	88	9-26	2.1	37	2970
-----		WILLIAMS 82	36.8	95	9-27	1.4	35	3000
-----		WINCHESTER	36.0	93	9-27	1.3	35	2840
FUNK		G3396 BRAND	38.4	99	9-27	1.3	37	2970
RIVERSIDE		2024	37.0	95	9-27	1.8	40	3370
AGRIPRO		AP350	32.5	84	9-29	1.9	41	2850
ASGROW		A3966	36.6	94	9-29	1.8	39	3440
D.S.G.R.		DX83-42	36.9	95	9-29	2.2	40	2980
MC CUBBIN		ALBANY II	37.9	97	9-29	2.3	40	2850
-----		SPARKS	35.5	91	9-30	1.8	40	2830
AGRIPRO		AP420	33.5	86	9-30	2.1	43	2860
MC CUBBIN		CARSON	31.6	81	10- 1	3.0	44	3540
AVERAGE ALL ENTRIES			36.9	----	9-26	1.7	37.4	3015
DIF. REQ. FOR SIG. 5%			4.0	----	3.2	0.7	3.6	157
25%			2.3	----	1.8	0.4	2.0	92
THREE-YEAR AVERAGE								
-----		PELLA	42.5	100	9-24	1.1	34	2420
S-BRAND		S-56A	43.0	101	9-24	1.6	34	2940
S-BRAND		S-60C	41.7	98	9-25	1.3	34	2880
DIAMOND BRAND		D325	39.7	93	9-29	1.9	37	2710
FONTANELLE		6464	38.5	91	9-29	1.9	37	2870
RIVERSIDE		2024	39.4	93	9-29	1.8	41	3080
TRI VALLEY		TV 38	40.2	95	9-29	2.2	38	2700
-----		WILLIAMS 82	39.9	94	9-30	1.8	36	2770
-----		SPARKS	39.0	92	10- 2	1.8	41	2720
AGRIPRO		AP350	38.8	91	10- 2	2.2	42	2610
MC CUBBIN		CARSON	38.6	91	10- 5	2.8	46	3270
AVERAGE ALL ENTRIES			40.1	----	9-29	1.9	38.2	2815
DIF. REQ. FOR SIG. 5%			N.S.	----	2.9	0.6	2.6	183
25%			N.S.	----	1.6	0.4	1.5	100
FOUR-YEAR AVERAGE								
-----		PELLA	45.2	100	9-23	1.6	38	2300
-----		SPARKS	41.6	92	10- 1	2.4	45	2640
AGRIPRO		AP350	41.8	92	10- 1	2.7	46	2530
AVERAGE ALL ENTRIES			42.9	----	9-28	2.2	43.0	2490
DIF. REQ. FOR SIG. 5%			N.S.	----	3.2	0.7	2.6	178
25%			2.5	----	1.7	0.4	1.3	86
FIVE-YEAR AVERAGE								
-----		PELLA	41.7	100	9-23	1.5	38	2460

% yield based on average at Pella, Williams 82 (79 previous to 1984) and Mead (Woodworth prior to 1984).

Seeds pound: No 1984 data. Two-year are 1983, three-year are 1982-1983, etc.

TABLE 22. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY AND HARLAN COUNTIES.
EARLY ENTRIES. 1984.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LOGGING SCORE	HEIGHT INCHES
-----	WEBER	47.7	90	9-13	1.3	25
HILL SEED	HS 2000	44.6	85	9-13	1.2	27
OHLDE	2080	45.9	87	9-13	1.0	25
RIVERSIDE	3030	53.5	101	9-13	1.4	28
-----	CCRSOY 79	48.5	92	9-14	1.4	29
RIVERSIDE	4042	47.1	89	9-14	1.7	30
LAND O' LAKES	L2456	49.8	94	9-15	1.4	30
SANDS	SCI 226	50.9	97	9-15	1.3	25
AGRIPRO	AP240	50.8	96	9-16	1.5	28
HOEGEMEYER	200	51.0	97	9-16	1.2	24
RIVERSIDE	404P	49.9	95	9-16	1.4	27
-----	HACK	51.4	97	9-17	1.0	25
-----	ELGIN	50.9	97	9-18	1.9	29
LYNKS	8248	49.5	94	9-18	1.4	33
NORTHROP KING	S2596	56.1	106	9-18	1.4	26
-----	PLATTE	51.3	97	9-19	1.3	29
-----	CENTURY84	51.8	98	9-19	1.2	28
DEKALB	CX283	57.4	109	9-19	1.8	29
GOLDEN HARVEST	H-1285	58.6	111	9-19	1.4	30
HILL SEED	HS 2500	54.0	102	9-19	1.7	29
LAND O' LAKES	L4204	52.0	99	9-19	1.5	30
MERSHMAN	CHEYENNE II	55.7	106	9-19	1.7	29
OHLDE	2193	52.8	100	9-19	1.4	29
STINE	2050T	57.5	109	9-19	1.7	28
WILSONBLEND	2505R	53.1	101	9-19	1.4	30
AGRIPRO	HP3033S	51.1	97	9-20	1.5	28
LAND O' LAKES	GC-42	56.7	108	9-20	1.9	30
MERSHMAN	SAWNEE III	53.8	102	9-20	1.5	30
OHLDE	2193A	52.9	100	9-20	1.4	27
PRAIRIE BRAND	PBEX250	54.7	104	9-20	1.5	28
S-BRAND	S-47C	55.5	105	9-20	1.4	29
SANDS	SCI EXP 31411	55.1	104	9-20	2.2	31
SANDS	SRF 250	48.4	92	9-20	1.0	29
STINE	2530	52.7	100	9-20	1.7	31
TRI VALLEY	BRADLEY	54.4	103	9-20	1.8	30
WILSONBLEND	2505	56.8	108	9-20	1.2	29
YOUNKERMEN	BOBCAT II	56.6	107	9-20	1.4	28
-----	CENTURY	53.2	101	9-21	1.3	30
-----	MEAD	54.6	104	9-21	1.7	30
-----	LOGAN	50.3	95	9-21	2.2	35
HOEGEMEYER	205	55.6	105	9-21	1.7	29
S-BRAND	S-48C	58.2	110	9-21	1.3	30
S-BRAND	S-52A	57.7	109	9-21	1.9	31
YOUNKERMEN	YSC 24	59.5	113	9-21	1.5	28
-----	PELLA	50.4	96	9-22	1.7	34
DEKALB	CX324	54.9	104	9-22	1.8	33
FONTANELLE	5708	54.4	103	9-23	2.0	32
MERSHMAN	CHEYENNE III	53.2	101	9-23	1.5	31
NORTHROP KING	S30-31	53.2	101	9-23	2.0	34
AGRIPRO	HP3440	55.2	105	9-24	1.5	33
FONTANELLE	5454	54.6	104	9-24	2.5	35
TRI VALLEY	CCMET	51.8	98	9-24	2.3	31
TRI VALLEY	CCMET II	52.2	99	9-25	2.2	34
ROHM & HAAS	E4202	49.6	94	9-26	2.5	39
AVERAGE ALL ENTRIES		59.9	---	9-19	1.6	29.6
DIF. REQ. FOR SIG.	5%	6.6	---	2.0	0.6	2.3
	25%	3.9	---	1.1	0.3	1.4

Maturity data are from Clay County. Yield in bushels per acre and % of Century, Mead and Pella. The % should be used in making comparisons with the late test in this area.

TABLE 23. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY COUNTY.
EARLY ENTRIES. 1984.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	WEBER	43.9	88	9-13	1.5	27
HILL SEED	HS 2000	42.0	84	9-13	1.3	29
CHLDE	2080	38.3	77	9-13	1.0	25
RIVERSIDE	303C	51.3	103	9-13	1.3	30
-----	CORSOY 79	44.0	88	9-14	1.8	31
RIVERSIDE	4042	47.0	94	9-14	2.0	33
LAND O' LAKES	L2456	47.7	96	9-15	1.8	33
SANDS	SCI 226	46.3	93	9-15	1.5	27
AGRIPRO	AP240	50.5	101	9-16	1.5	30
HOEGEMEYER	200	48.9	98	9-16	1.3	26
RIVERSIDE	404P	44.9	90	9-16	1.8	30
-----	HACK	51.3	103	9-17	1.0	27
-----	ELGIN	44.2	89	9-18	2.3	30
LYNKS	8248	43.6	88	9-18	1.5	36
NORTHROP KING	S2596	53.1	107	9-18	1.3	26
-----	PLATTE	43.2	87	9-19	1.5	30
-----	CENTURY84	48.7	98	9-19	1.3	29
DEKALB	CX283	53.6	108	9-19	2.0	31
GOLDEN HARVEST	H-1285	52.2	105	9-19	1.8	32
HILL SEED	HS 2500	52.3	105	9-19	2.0	31
LAND O' LAKES	L4204	47.3	95	9-19	2.0	33
MERSHMAN	CHEYENNE II	48.8	98	9-19	2.3	30
CHLDE	2193	49.6	100	9-19	1.8	31
STINE	2050T	54.6	110	9-19	2.0	30
WILSONBLEND	2505R	48.7	98	9-19	1.5	33
AGRIPRO	HP3033S	44.9	90	9-20	2.0	29
LAND O' LAKES	GC-42	53.4	107	9-20	2.5	33
MERSHMAN	SHAWNEE III	49.5	99	9-20	2.0	32
CHLDE	2193A	49.1	99	9-20	1.8	30
PRAIRIE BRAND	PBEX250	48.5	97	9-20	2.0	29
S-BRAND	S-47C	51.7	104	9-20	1.8	30
SANDS	SCI EXP 31411	55.4	111	9-20	2.0	32
SANDS	SRF 250	44.3	89	9-20	1.0	31
STINE	2530	47.0	94	9-20	2.0	34
TRI VALLEY	BRADLEY	46.4	93	9-20	2.5	31
WILSONBLEND	2505	53.9	108	9-20	1.3	30
YOUNKERMEN	BOBCAT II	54.9	110	9-20	1.8	29
-----	CENTURY	51.2	103	9-21	1.5	32
-----	MEAD	51.3	103	9-21	2.0	31
-----	LOGAN	47.0	94	9-21	2.8	37
HOEGEMEYER	205	53.3	107	9-21	2.3	31
S-BRAND	S-48C	55.2	111	9-21	1.5	32
S-BRAND	S-52A	51.2	103	9-21	2.5	32
YOUNKERMEN	YSC 24	55.8	112	9-21	2.0	30
-----	PELLA	46.8	94	9-22	2.0	35
DEKALB	CX324	52.7	106	9-22	2.3	34
FONTANELLE	5708	51.3	103	9-23	2.5	33
MERSHMAN	CHEYENNE III	50.2	101	9-23	2.0	34
NORTHROP KING	S30-31	51.6	104	9-23	2.5	34
AGRIPRO	HP3440	48.4	97	9-24	2.0	34
FONTANELLE	5454	48.3	97	9-24	3.0	37
TRI VALLEY	COMET	49.6	100	9-24	2.5	32
TRI VALLEY	COMET II	43.6	88	9-25	2.5	36
ROHM & HAAS	E4202	45.3	91	9-26	3.0	39
AVERAGE ALL ENTRIES		49.0	---	9-19	1.9	31.4
DIF. REQ. FOR SIG.	5%	5.5	---	2.0	0.7	2.5
	25%	3.2	---	1.1	0.5	1.5

Yield in bushels per acre and % of Century, Mead and Pella. The % should be used in making comparisons with the late test in this area.

TABLE 24. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. HARLAN COUNTY.
EARLY ENTRIFES. 1984.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	WEBER	51.4	92	9-13	1.0	23
HILL SEED	HS 2000	47.2	85	9-13	1.0	24
OHLDE	2080	53.4	96	9-13	1.0	24
RIVERSIDE	303C	55.6	100	9-13	1.5	25
-----	CGRSOY 79	53.0	95	9-14	1.0	27
RIVERSIDE	4042	47.1	85	9-14	1.3	27
LAND O' LAKES	L2456	51.8	93	9-15	1.0	26
SANDS	SCI 226	55.5	100	9-15	1.0	22
AGRIPRO	AP240	51.1	92	9-16	1.5	26
HOEGEMEYER	200	53.1	95	9-16	1.0	22
RIVERSIDE	404P	54.8	98	9-16	1.0	24
-----	HACK	51.5	93	9-17	1.0	23
-----	ELGIN	57.5	103	9-18	1.5	28
LYNKS	8248	55.3	99	9-18	1.3	29
NORTHROP KING	S2596	59.0	106	9-18	1.5	25
-----	PLATTE	59.3	107	9-19	1.0	28
-----	CENTURY84	54.9	99	9-19	1.0	27
DEKALB	CX283	61.2	110	9-19	1.5	27
GOLDEN HARVEST	H-1285	65.0	117	9-19	1.0	27
HILL SEED	HS 2500	55.7	100	9-19	1.3	26
LAND O' LAKES	L4204	56.6	102	9-19	1.0	27
MERSHMAN	CHEYENNE II	62.6	112	9-19	1.0	27
OHLDE	2193	56.0	101	9-19	1.0	26
STINE	2050T	60.3	108	9-19	1.3	25
WILSONBLEND	2505R	57.5	103	9-19	1.3	27
AGRIPRO	HP3033S	57.3	103	9-20	1.0	27
LAND O' LAKES	GC-42	60.0	108	9-20	1.3	27
MERSHMAN	SHAWNEE III	58.0	104	9-20	1.0	27
OHLDE	2193A	56.6	102	9-20	1.0	24
PRAIRIE BRAND	PBEX250	60.9	109	9-20	1.0	26
S-BRAND	S-47C	59.3	107	9-20	1.0	27
SANDS	SCI EXP 31411	54.7	98	9-20	2.3	29
SANDS	SRF 250	52.4	94	9-20	1.0	26
STINE	2530	58.3	105	9-20	1.3	28
TRI VALLEY	BRADLEY	62.3	112	9-20	1.0	28
WILSONBLEND	2505	59.6	107	9-20	1.0	27
YOUNKERMEN	BOBCAT II	58.3	105	9-20	1.0	26
-----	CENTURY	55.2	99	9-21	1.0	27
-----	MEAD	57.8	104	9-21	1.3	29
-----	LOGAN	53.5	96	9-21	1.5	32
HOEGEMEYER	205	57.9	104	9-21	1.0	26
S-BRAND	S-48C	61.2	110	9-21	1.0	27
S-BRAND	S-52A	64.1	115	9-21	1.3	30
YOUNKERMEN	YSC 24	63.1	113	9-21	1.0	26
-----	PELLA	54.0	97	9-22	1.3	32
DEKALB	CX324	57.0	102	9-22	1.3	32
FONTANELLE	5708	57.5	103	9-23	1.5	30
MERSHMAN	CHEYENNE III	56.1	101	9-23	1.0	27
NORTHROP KING	S30-31	54.8	98	9-23	1.5	33
AGRIPRO	HP3440	62.0	111	9-24	1.0	31
FONTANELLE	5454	60.8	109	9-24	2.0	33
TRI VALLEY	CCMET	53.9	97	9-24	2.0	30
TRI VALLEY	CCMET II	60.7	109	9-25	1.8	32
ROHM & HAAS	E4202	53.9	97	9-26	2.0	39
AVERAGE ALL ENTRIES		56.8	---	9-19	1.2	27.4
DIF. REQ. FOR SIG.	5%	5.2	---	2.0	0.5	2.2
	25%	3.0	---	1.1	0.3	1.3

Maturity data are from Clay County. Yield in bushels per acre and % of Century, Mead and Pella. The % should be used in making comparisons with the late test in this area.

TABLE 25. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE, EARLY ENTRIES. 1980-1984.

BRAND	ENTRY	YIELD		MATURE	LODGING	HEIGHT	SEEDS
		BU/A	%	DATE	SCORE	INCHES	POUND
TWO-YEAR AVERAGE							
-----	WEBER	48.4	84	9-15	1.6	30	3790
RIVERSIDE	4042	51.2	92	9-16	1.8	37	3150
-----	CORSOY 79	53.1	96	9-17	1.7	35	3100
AGRIPRO	AP240	49.7	89	9-17	1.8	32	3330
SANDS	SCI 226	51.4	93	9-17	1.4	28	3100
-----	ELGIN	49.6	89	9-18	2.4	33	3340
NORTHROP KING	S2596	56.1	101	9-18	1.4	30	3210
RIVERSIDE	404P	51.2	92	9-18	1.2	31	3330
WILSONBLEND	2505R	53.1	96	9-18	2.0	35	3210
-----	PLATTE	48.7	88	9-19	1.6	34	4090
DEKALB	CX283	56.9	102	9-19	2.3	33	3580
GHLDE	2193	52.1	94	9-19	1.5	32	3550
GOLDEN HARVEST	H-1285	60.7	109	9-20	1.6	35	3400
STINE	2050T	55.7	100	9-20	1.8	32	3270
TRI VALLEY	BRADLEY	55.3	100	9-20	1.9	34	3400
YOUNKERMAN	BOBCAT II	55.2	99	9-20	1.6	33	3570
-----	CENTURY	56.4	102	9-21	1.3	35	3090
NORTHROP KING	S30-31	51.0	92	9-21	2.0	37	3400
WILSONBLEND	2505	55.8	100	9-21	1.8	34	3290
-----	MEAD	54.7	98	9-23	1.6	34	3570
FONTANELLE	5454	54.6	98	9-23	2.5	41	3400
HOEGEMEYER	205	55.5	100	9-23	2.0	34	3400
YOUNKERMAN	YSC 24	58.0	104	9-23	1.5	33	3270
-----	LOGAN	52.7	95	9-24	2.3	43	3170
-----	PELLA	57.2	103	9-25	1.7	38	2900
TRI VALLEY	COMET	53.7	97	9-27	2.2	35	3440
AVERAGE ALL ENTRIES		53.7	----	9-20	1.8	34.2	3360
DIF. REQ. FOR SIG.	5%	6.6	----	3.9	0.6	3.1	350
	25%	3.8	----	2.3	0.4	1.8	205
THREE-YEAR AVERAGE							
-----	CORSOY 79	50.7	98	9-20	1.6	35	2940
-----	WEBER	44.9	87	9-20	1.8	32	3620
RIVERSIDE	4042	51.7	100	9-20	1.7	36	2920
AGRIPRO	AP240	48.7	94	9-21	1.7	31	2990
NORTHROP KING	S2596	53.0	102	9-21	1.3	29	2790
-----	PLATTE	47.3	91	9-22	1.4	34	3320
STINE	2050T	58.4	113	9-23	1.6	33	2840
-----	CENTURY	53.8	104	9-24	1.4	34	2680
TRI VALLEY	BRADLEY	54.4	105	9-24	1.9	34	2940
YOUNKERMAN	BOBCAT II	52.7	102	9-24	1.7	33	3080
HOEGEMEYER	205	54.3	105	9-25	2.1	34	2950
-----	MEAD	49.9	96	9-26	1.6	33	3200
FONTANELLE	5454	51.1	99	9-27	2.2	39	2960
TRI VALLEY	COMET	50.9	98	9-29	1.8	35	2870
AVERAGE ALL ENTRIES		51.6	----	9-23	1.7	33.7	3009
DIF. REQ. FOR SIG.	5%	6.6	----	2.9	N.S.	3.5	N.S.
	25%	3.7	----	1.7	0.3	2.0	268
FOUR-YEAR AVERAGE							
-----	CORSOY 79	51.9	99	9-19	1.9	36	2840
-----	WEBER	46.5	89	9-19	2.0	33	3340
-----	PLATTE	48.7	93	9-22	1.3	34	3080
-----	CENTURY	53.2	101	9-24	1.4	34	2610
-----	MEAD	51.8	99	9-26	1.5	33	2920
AVERAGE ALL ENTRIES		50.4	----	9-22	1.6	34.0	2958
DIF. REQ. FOR SIG.	5%	N.S.	----	3.6	N.S.	N.S.	N.S.
	25%	3.2	----	2.0	0.4	1.8	3.9
FIVE-YEAR AVERAGE							
-----	CORSOY 79	52.0	99	9-17	1.7	37	2790
-----	PLATTE	47.8	91	9-20	1.2	35	3100
-----	CENTURY	53.7	102	9-22	1.3	34	2670
-----	MEAD	51.8	98	9-25	1.4	33	3030
AVERAGE ALL ENTRIES		51.3	----	9-21	1.4	34.8	2898
DIF. REQ. FOR SIG.	5%	N.S.	----	2.7	N.S.	2.3	N.S.
	25%	2.8	----	1.5	N.S.	1.3	252

% yield based on average of Century, Mead and Pella (Woodworth prior to 1984).
 Seeds pound: No 1984 data. Two-year are 1983, three year are 1982-1983, etc.

TABLE 26. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY AND HARLAN COUNTIES.
LATE ENTRIES. 1984.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES
-----	CENTURY	54.6	99	9-22	1.3	30
DEKALB	CX283	56.9	104	9-22	1.9	29
LINCOLN SEED	LS 7225	53.5	97	9-22	2.0	31
LYNKS	8280	57.7	105	9-22	1.4	30
RIVERSIDE	3033	58.0	106	9-22	1.4	29
ASGROW	A2943	54.1	98	9-23	1.0	30
TRI VALLEY	CAPRI	57.9	105	9-23	1.7	28
-----	CUMBERLAND	58.1	106	9-24	2.0	35
-----	MEAD	54.7	100	9-24	1.4	31
-----	U-7636C	54.5	99	9-24	1.0	32
-----	WILL	51.2	93	9-24	1.6	31
-----	ZANE	60.3	110	9-24	1.2	32
AGRIPRO	AP250	56.8	103	9-24	1.9	37
OHLDE	3193A	57.2	104	9-24	1.2	32
WILSONBLEND	3130	59.4	108	9-24	1.7	35
YOUNKERMAN	YSC 32	58.3	106	9-24	1.4	33
ASGROW	A3127	57.4	104	9-25	1.2	32
HILL SEED	HS 3000	59.6	108	9-25	2.3	36
LAND O' LAKES	GC-41	56.4	103	9-25	2.3	38
LYNKS	8311	58.8	107	9-25	1.7	35
MERSHMAN	TRUMAN II	59.7	109	9-25	2.1	34
STINE	3500	58.1	106	9-25	1.4	31
TRI VALLEY	CHARGER	60.1	109	9-25	2.7	36
AGRIPRO	AP330	57.5	105	9-26	1.3	34
DEKALB	CX324	58.1	105	9-26	1.6	34
LAND O' LAKES	L3665	59.9	109	9-26	1.8	34
MC CURDY	3758	59.0	107	9-26	1.7	34
OHLDE	3193	57.8	105	9-26	1.5	34
ROHM & HAAS	E4303	52.7	96	9-26	2.1	38
S-BRAND	S-56A	58.4	106	9-26	1.9	35
STINE	3102	58.1	106	9-26	1.4	32
YOUNKERMAN	CUTLASS	57.8	105	9-26	1.8	35
-----	HOBBIT	52.8	96	9-27	1.0	20
GOLDEN HARVEST	H-1320	56.1	102	9-27	2.1	33
HOEGEMEYER	350	57.0	104	9-27	1.9	33
LAND O' LAKES	L4104	51.7	94	9-27	2.3	38
RIVERSIDE	2019	57.2	104	9-27	1.8	36
S-BRAND	S-57	56.9	104	9-27	2.1	35
-----	HARPER	55.2	100	9-28	1.5	30
-----	PELLA	55.6	101	9-28	1.6	35
HOEGEMEYER	384	58.2	106	9-28	2.3	37
HORIZON	H-52	62.8	114	9-28	2.1	37
S-BRAND	S-58A	56.0	102	9-28	1.9	32
-----	WINCHESTER	53.5	97	9-29	1.9	36
NORTHROP KING	S39-93	55.1	100	9-29	2.5	36
OHLDE	3288	51.2	93	9-29	2.3	33
WILSONBLEND	345C	55.7	101	9-29	1.9	35
-----	WILLIAMS 82	54.2	99	9-30	2.3	38
AGRIPRO	HP399C	51.6	94	9-30	2.8	45
RIVERSIDE	2024	58.1	106	9-30	2.7	41
DEKALB	CX380	55.8	102	10- 1	1.9	39
HILL SEED	HS 4150	53.0	96	10- 1	3.4	44
MERSHMAN	EISENHOWER	57.8	105	10- 1	2.6	38
TRI VALLEY	VP-3	45.8	83	10- 1	2.3	41
WILSONBLEND	3560	55.8	102	10- 1	2.3	37
YOUNKERMAN	YSC 42	53.8	98	10- 1	2.6	36
AVERAGE ALL ENTRIES		56.3	---	9-26	1.9	34.3
DIF. REQ. FOR SIG. 5%		5.5	---	2.4	0.6	2.6
25%		3.2	---	1.4	0.3	1.5

Maturity data are from Clay County. Yield in bushels per acre and % of Century, Mead and Pella. The % should be used in making comparisons with the early test in this area.

TABLE 27. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY COUNTY.
LATE ENTRIES. 1984.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	CENTURY	52.6	104	9-22	1.5	30
DEKALB	CX283	56.0	111	9-22	1.8	30
LINCOLN SEED	LS 7225	48.0	95	9-22	2.0	31
LYNKS	8280	53.9	106	9-22	1.5	30
RIVERSIDE	3033	56.3	111	9-22	1.5	29
ASGROW	A2943	52.8	104	9-23	1.0	30
TRI VALLEY	CAPRI	56.4	111	9-23	2.0	28
-----	CUMBERLAND	51.3	101	9-24	2.0	35
-----	MEAD	49.1	97	9-24	1.8	30
-----	U-76360	49.6	98	9-24	1.0	32
-----	WILL	47.2	93	9-24	1.8	30
-----	ZANE	58.6	116	9-24	1.0	32
AGRI PRO	AP250	49.5	98	9-24	2.0	37
GHLDE	3193A	52.7	104	9-24	1.3	31
WILSONBLEND	3130	56.2	111	9-24	2.0	35
YOUNKERMEN	YSC 32	52.8	104	9-24	1.8	33
ASGROW	A3127	53.3	105	9-25	1.0	30
HILL SEED	HS 3000	53.2	105	9-25	2.3	35
LAND O' LAKES	GO-41	53.1	105	9-25	2.0	37
LYNKS	8311	57.8	114	9-25	2.3	35
MERSHMAN	TRUMAN II	56.5	112	9-25	2.3	33
STINE	3500	53.6	106	9-25	1.5	30
TRI VALLEY	CHARGER	56.3	111	9-25	2.8	36
AGRI PRO	AP330	50.6	100	9-26	1.3	33
DEKALB	CX324	54.5	108	9-26	1.8	33
LAND O' LAKES	L3665	57.5	114	9-26	1.5	33
MC CURDY	3758	53.1	105	9-26	2.0	33
GHLDE	3193	53.5	106	9-26	2.0	34
ROHM & HAAS	E4303	47.4	94	9-26	2.3	38
S-BRAND	S-56A	53.6	106	9-26	2.3	35
STINE	3102	55.4	109	9-26	1.5	32
YOUNKERMEN	CUTLASS	54.3	107	9-26	2.0	35
-----	HOBBIT	49.7	98	9-27	1.0	19
GOLDEN HARVEST	H-1320	50.7	100	9-27	2.3	32
HOEGEMEYER	350	50.4	100	9-27	1.8	30
LAND O' LAKES	L4104	47.9	95	9-27	2.0	36
RIVERSIDE	2019	52.5	104	9-27	1.8	35
S-BRAND	S-57	50.5	100	9-27	2.3	34
-----	HARPER	50.0	99	9-28	1.5	29
-----	PELLA	50.2	99	9-28	1.8	33
HOEGEMEYER	384	54.2	107	9-28	2.3	39
HORIZON	H-52	61.1	121	9-28	2.3	37
S-BRAND	S-58A	53.3	105	9-28	1.8	31
-----	WINCHESTER	52.3	103	9-29	2.0	36
NORTHROP KING	S39-93	49.9	99	9-29	2.5	37
GHLDE	3288	45.9	91	9-29	2.5	32
WILSONBLEND	3450	50.4	100	9-29	1.8	33
-----	WILLIAMS 82	50.2	99	9-30	2.0	37
AGRI PRO	HP3990	49.8	98	9-30	3.0	44
RIVERSIDE	2024	59.5	118	9-30	2.5	40
DEKALB	CX380	52.4	103	10- 1	2.0	39
HILL SEED	HS 4150	49.8	98	10- 1	3.3	43
MERSHMAN	EISENHOWER	59.1	117	10- 1	2.3	36
TRI VALLEY	VP-3	44.5	88	10- 1	2.3	40
WILSONBLEND	3560	50.4	100	10- 1	2.3	37
YOUNKERMEN	YSC 42	49.8	98	10- 1	2.8	35
AVERAGE ALL ENTRIES		52.5	---	9-26	1.9	33.7
DIF. REQ. FOR SIG.	5%	7.2	---	2.4	0.7	3.0
	25%	4.2	---	1.4	0.4	1.7

Yield in bushels per acre and % of Century, Mead and Pella. The % should be used in making comparisons with the early test in this area.

TABLE 28. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. HARLAN COUNTY.
LATE ENTRIES. 1984.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES
-----	CENTURY	56.6	96	9-22	1.0	30
DEKALB	CX283	57.7	97	9-22	2.0	28
LINCOLN SEED	LS 7225	58.9	99	9-22	2.0	30
LYNKS	8280	61.4	104	9-22	1.3	29
RIVERSIDE	3033	59.7	101	9-22	1.3	29
ASGROW	A2943	55.3	93	9-23	1.0	30
TRI VALLEY	CAPRI	59.3	100	9-23	1.3	28
-----	CUMBERLAND	64.8	109	9-24	2.0	35
-----	MEAD	60.2	102	9-24	1.0	31
-----	U-76360	59.4	100	9-24	1.0	31
-----	WILL	55.1	93	9-24	1.3	32
-----	ZANE	61.9	104	9-24	1.3	31
AGRIPRO	AP250	64.0	108	9-24	1.8	37
GHLDE	3193A	61.7	104	9-24	1.0	32
WILSONBLEND	3130	62.5	105	9-24	1.3	34
YOUNKERMEN	YSC 32	63.8	108	9-24	1.0	32
ASGROW	A3127	61.5	104	9-25	1.3	33
HILL SEED	HS 3000	65.9	111	9-25	2.3	37
LAND O' LAKES	GC-41	59.6	101	9-25	2.5	38
LYNKS	8311	59.7	101	9-25	1.0	34
MERSHMAN	TRUMAN II	62.8	106	9-25	1.8	34
STINE	3500	62.5	105	9-25	1.3	31
TRI VALLEY	CHARGER	63.8	108	9-25	2.5	35
AGRIPRO	AP330	64.3	108	9-26	1.3	34
DEKALB	CX324	61.6	104	9-26	1.3	34
LAND O' LAKES	L3665	62.3	105	9-26	2.0	35
MC CURDY	3758	64.8	109	9-26	1.3	34
GHLDE	3193	62.0	105	9-26	1.0	34
ROHM & HAAS	E4303	58.0	98	9-26	1.8	37
S-BRAND	S-56A	63.2	107	9-26	1.5	35
STINE	3102	60.8	103	9-26	1.3	31
YOUNKERMEN	CUTLASS	61.3	103	9-26	1.5	35
-----	HOBBIT	55.9	94	9-27	1.0	21
GOLDEN HARVEST	H-1320	61.4	104	9-27	1.8	34
HOEGEMEYER	350	63.6	107	9-27	2.0	36
LAND O' LAKES	L4104	55.4	93	9-27	2.5	39
RIVERSIDE	2019	61.8	104	9-27	1.8	37
S-BRAND	S-57	63.2	107	9-27	1.8	35
-----	HARPER	60.4	102	9-28	1.5	31
-----	PELLA	61.0	103	9-28	1.3	36
HOEGEMEYER	384	62.1	105	9-28	2.3	34
HORIZON	H-52	64.4	109	9-28	1.8	36
S-BRAND	S-58A	58.6	99	9-28	2.0	32
-----	WINCHESTER	54.7	92	9-29	1.8	35
NORTHROP KING	S39-93	60.3	102	9-29	2.5	35
GHLDE	3288	56.4	95	9-29	2.0	34
WILSONBLEND	3450	61.0	103	9-29	2.0	36
-----	WILLIAMS 82	58.1	98	9-30	2.5	38
AGRIPRO	HP3990	53.4	90	9-30	2.5	46
RIVERSIDE	2024	56.7	96	9-30	2.8	42
DEKALB	CX380	59.2	100	10- 1	1.8	39
HILL SEED	HS 4150	56.1	95	10- 1	3.5	45
MERSHMAN	EISENHOWER	56.5	95	10- 1	2.8	40
TRI VALLEY	VP-3	47.1	79	10- 1	2.3	42
WILSONBLEND	3560	61.2	103	10- 1	2.3	37
YOUNKERMEN	YSC 42	57.8	98	10- 1	2.3	37
AVERAGE ALL ENTRIES		60.0	---	9-26	1.8	34.4
DIF. REQ. FOR SIG.	5%	5.3	---	2.4	0.6	2.7
	25%	3.1	---	1.4	0.4	1.6

Maturity data from Clay County. Yield in bushels per acre and % of Century, Mead and Pella. The % should be used in making comparisons with early entries in this area.

TABLE 29. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. LATE ENTRIES. 1980-1984.

BRAND	ENTRY	YIELD		MATURE	LODGING	HEIGHT	SEEDS
		BU/A	%	DATE	SCORE	INCHES	POUND
TWO-YEAR AVERAGE							
-----	CENTURY	52.9	100	9-21	1.3	31	2710
RIVERSIDE	3033	54.1	102	9-21	1.5	31	3000
ASGROW	A2943	54.7	103	9-22	1.1	31	2820
TRI VALLEY	CAPRI	53.1	100	9-22	1.5	30	3070
-----	CUMBERLAND	57.5	108	9-24	2.0	38	2600
-----	MEAD	53.3	100	9-24	1.4	31	2930
AGRIPRO	AP250	54.9	103	9-24	1.9	39	2660
ASGROW	A3127	58.9	111	9-24	1.3	33	3280
STINE	3102	56.6	110	9-24	1.7	34	3030
WILSONBLEND	3130	53.9	102	9-24	1.9	37	2780
-----	WILL	50.3	95	9-25	1.5	31	2930
AGRIPRO	AP330	54.0	102	9-25	1.5	34	2790
S-BRAND	S-56A	58.6	110	9-25	2.1	36	2920
GOLDEN HARVEST	H-1320	54.6	103	9-26	2.2	36	2990
MC CURDY	375B	58.2	110	9-26	1.8	35	2910
TRI VALLEY	CHARGER	56.3	106	9-26	2.5	39	3110
YOUNKERMEN	CUTLASS	55.8	105	9-26	2.1	38	2970
YOUNKERMEN	YSC 32	55.9	105	9-26	1.6	35	3060
-----	PELLA	56.3	106	9-27	1.4	36	2440
HORIZON	H-52	57.7	109	9-27	2.0	39	3020
-----	HOBBIT	52.0	98	9-28	1.0	22	2890
HOEGEMEYER	384	54.8	103	9-28	2.4	39	2850
-----	HAKPER	53.8	101	9-29	1.5	33	2480
-----	WINCHESTER	54.7	103	9-29	1.9	37	2720
GHIDE	3268	53.5	101	9-29	2.3	35	2970
RIVERSIDE	2024	53.4	101	9-29	2.5	41	3140
-----	WILLIAMS 82	52.7	99	9-30	2.1	41	3000
YOUNKERMEN	YSC 42	54.3	102	9-30	2.2	37	2920
AVERAGE ALL ENTRIES		55.0	----	9-26	1.8	35.0	2900
DIF. REQ. FOR SIG.	5%	N.S.	----	2.5	0.4	2.5	228
	25%	N.S.	----	1.4	0.2	1.5	134
THREE-YEAR AVERAGE							
-----	CENTURY	51.4	99	9-25	1.3	32	2470
RIVERSIDE	3033	55.1	106	9-26	1.5	33	2680
-----	MEAD	52.1	101	9-27	1.3	32	2810
TRI VALLEY	CAPRI	55.1	106	9-27	1.5	32	2780
-----	CUMBERLAND	56.1	108	9-29	1.8	37	2430
-----	WILL	49.9	96	9-29	1.5	33	2680
AGRIPRO	AP250	54.6	106	9-29	1.8	39	2720
MC CURDY	375B	56.2	109	9-29	2.0	36	2660
S-BRAND	S-56A	58.2	112	9-29	2.0	37	2750
WILSONBLEND	3130	54.2	105	9-29	1.9	38	2630
YOUNKERMEN	CUTLASS	55.3	107	9-29	2.1	36	2780
-----	PELLA	55.5	107	9-30	1.4	36	2310
GOLDEN HARVEST	H-1320	55.3	107	9-30	2.3	36	2790
HOEGEMEYER	384	54.8	106	10- 1	2.2	39	2650
HORIZON	H-52	56.4	109	10- 1	2.0	38	2720
TRI VALLEY	CHARGER	56.4	109	10- 1	2.3	38	2800
-----	HOBBIT	51.0	99	10- 2	1.0	23	2690
-----	WILLIAMS 82	51.6	100	10- 3	1.9	39	2710
RIVERSIDE	2024	53.5	103	10- 3	2.3	42	2870
YOUNKERMEN	YSC 42	54.8	106	10- 4	2.3	38	2660
AVERAGE ALL ENTRIES		54.4	----	9-30	1.8	35.8	2680
DIF. REQ. FOR SIG.	5%	4.2	----	2.2	0.4	2.7	188
	25%	2.4	----	1.3	0.2	1.6	107
FOUR-YEAR AVERAGE							
-----	CENTURY	51.4	98	9-25	1.4	33	2480
-----	MEAD	53.4	102	9-28	1.2	32	2660
-----	CUMBERLAND	54.7	104	9-29	1.7	37	2340
-----	WILL	50.4	96	9-29	1.5	31	2500
-----	PELLA	55.3	106	9-30	1.8	37	2190
-----	HOBBIT	52.4	100	10- 1	1.0	23	2510
-----	WILLIAMS 82	53.8	103	10- 3	2.1	38	2510
AVERAGE ALL ENTRIES		53.1	----	9-29	1.5	33.0	2456
DIF. REQ. FOR SIG.	5%	N.S.	----	1.8	0.6	4.0	248
	25%	2.2	----	1.1	0.3	2.2	138
FIVE-YEAR AVERAGE							
-----	CENTURY	52.3	99	9-23	1.3	33	2480
-----	MEAD	53.1	101	9-26	1.2	32	2830
-----	WILL	50.7	96	9-27	1.4	31	2640
-----	CUMBERLAND	54.6	104	9-28	1.5	37	2470
-----	PELLA	55.5	105	9-28	1.6	37	2290
AVERAGE ALL ENTRIES		53.2	----	9-26	1.4	34.0	2542
DIF. REQ. FOR SIG.	5%	3.0	----	1.8	N.S.	2.9	267
	25%	1.7	----	1.0	N.S.	1.6	148

% yield based on average of Century, Mead and Pella (Woodworth prior to 1984).
 Seeds pound: No 1984 data. Two-year are 1983, three year are 1982-1983, etc.

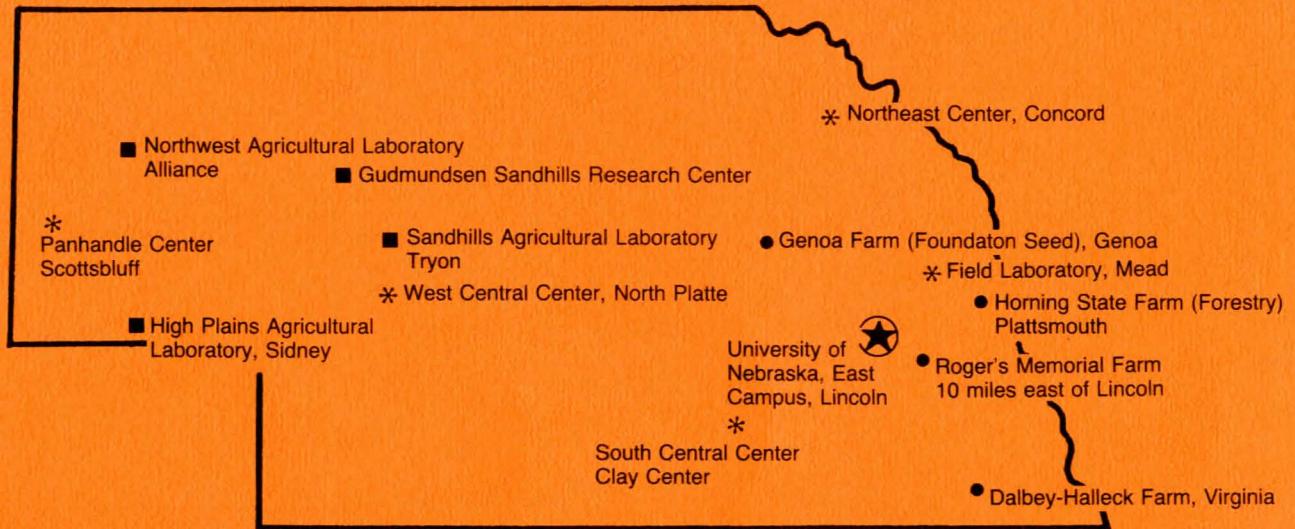
Table 30. Southwest irrigated soybean performance. 1979-1984.

Entry	Grain yield, bu/A							1984			1981-84 average	
	1979	1980	1981	1982	1983	1984	1981-84 average	Height inches	Seed quality	Grams 100 seeds	Height inches	Grams 100 seeds
Amsoy	45.2	36.9	36.7	39.3	35.8	----	----	--	---	----	--	----
Century	----	----	40.4	43.5	41.4	45.9	42.8	36	4.4	14.9	38	14.6
Corsoy 79	----	----	42.0	46.1	49.3	53.1	47.6	34	1.8	13.5	37	13.2
Elgin	----	----	----	----	----	45.2	----	34	2.7	13.6	--	----
Harper	----	----	----	----	----	49.3	----	35	4.5	16.4	--	----
Logan	----	----	----	----	----	55.6	----	41	4.0	15.3	--	----
Mead	----	53.9	41.1	40.1	37.1	46.2	41.1	34	4.1	13.4	35	12.5
Nebsoy	50.3	43.3	40.3	45.9	33.5	----	----	--	---	----	--	----
Pella	----	----	----	----	38.7	42.2	----	40	4.8	15.5	--	----
Platte	----	----	40.6	42.8	44.8	49.8	44.5	36	1.9	13.6	37	12.9
Weber	54.6	52.3	41.1	44.6	47.8	52.6	46.5	33	1.5	12.4	35	12.0
Wells II ^{1/}	52.8	45.9	41.7	42.4	----	----	----	--	---	----	--	----
Will	----	----	37.0	38.2	33.2	----	----	--	---	----	--	----
U76360	----	----	----	----	----	50.5	----	38	4.1	13.8	--	----
Dif. req. sig. 5%	5.1	9.1	N.S.	N.S.	5.6	5.4	3.2	3.0	0.5	1.3	2.4	0.7
25%	2.9	5.2	N.S.	3.2	3.2	3.1	1.7	1.7	0.3	0.8	1.3	0.4

^{1/} Wells in 1979-1980.

Location of tests (counties): 1979 Dawson, 1980 McPherson, 1981-1984 Perkins.

Agricultural Research for All of Nebraska



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tension Offices. Area and County Extension Agents are available to provide additional interpretation and more specific recommendations.

Nebraska is a large state and has great variation due to topography and the continental type of climate. The elevation ranges from 1,000 feet to near a mile high in the northwest portion of the state, rainfall varies from 14 to 40 inches per year, and the soil types vary from sands to heavy clays. The research program thus is broad in subject matter and geography, resulting in the need for various stations and satellite locations.

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