

1985

## EC85-104 Nebraska Soybean Variety Tests 1985

August F. Dreier

Roger Wesley Elmore

*University of Nebraska-Lincoln*, [roger.elmore@unl.edu](mailto:roger.elmore@unl.edu)

R. S. Moomaw

Follow this and additional works at: <http://digitalcommons.unl.edu/extensionhist>

---

Dreier, August F.; Elmore, Roger Wesley; and Moomaw, R. S., "EC85-104 Nebraska Soybean Variety Tests 1985" (1985). *Historical Materials from University of Nebraska-Lincoln Extension*. 4555.  
<http://digitalcommons.unl.edu/extensionhist/4555>

This Article is brought to you for free and open access by the Extension at DigitalCommons@University of Nebraska - Lincoln. It has been accepted for inclusion in Historical Materials from University of Nebraska-Lincoln Extension by an authorized administrator of DigitalCommons@University of Nebraska - Lincoln.

AGRI  
S  
85  
E1  
#85-104

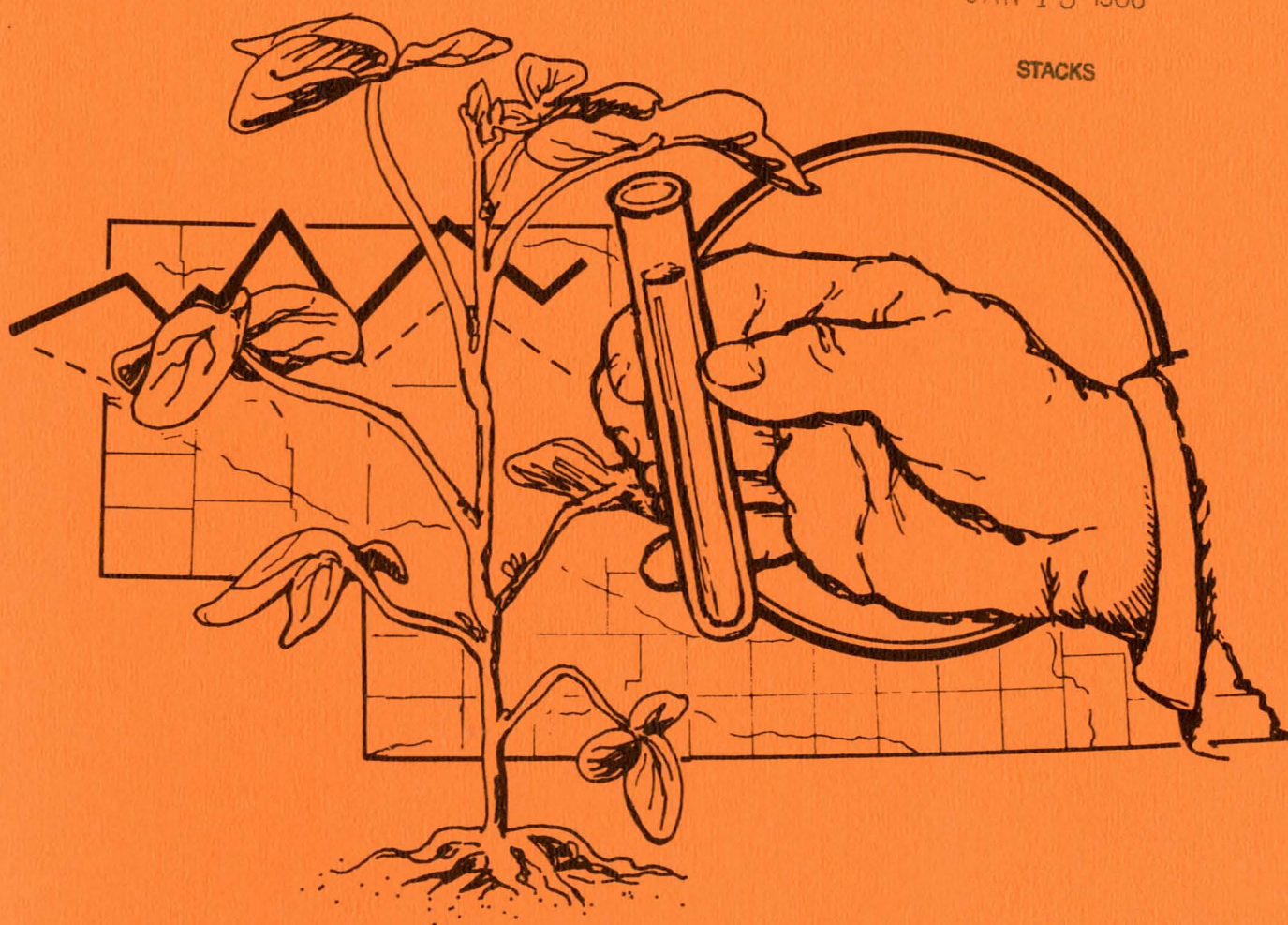
E.C. 85-104

# NEBRASKA SOYBEAN VARIETY TESTS 1985

UNIVERSITY OF NEBR  
LIBRARY

JAN 13 1986

STACKS



University of Nebraska-Lincoln  
Institute of Agriculture and Natural Resources  
Agricultural Research Division  
Cooperative Extension Service



Issued in furtherance of Cooperative Extension work, Acts of May 8 and June 30, 1914, in cooperation with the U.S. Department of Agriculture. Leo E. Lucas, Director of Cooperative Extension Service, University of Nebraska, Institute of Agriculture and Natural Resources.





# 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	2,550 (1033)	26.0 (1748)	66,300 (1804)
1985 <sup>1/</sup>	2,360 ( 956)	36.0 (2421)	84,960 (2312)

<sup>1/</sup> November 1 estimate.



## EXTENSION CIRCULAR 85-104

### NEBRASKA SOYBEAN VARIETY TESTS

December 1985

#### AUTHORS

August F. Dreier	Department of Agronomy, Lincoln
R. W. Elmore	South Central Research and Extension Center, Clay Center
R. S. Moomaw	Northeast Research and Extension Center, Concord
J. H. Williams	Department of Agronomy, Lincoln
J. E. Specht	Department of Agronomy, Lincoln
P. H. Grabouski	West Central Research and Extension Center, North Platte

#### ACKNOWLEDGMENTS

This circular is a progress report of soybean variety trials conducted by personnel of the Agronomy Department and the Northeast, South Central and West Central Research and Extension Centers. Conduct of experiments and publication of results is a joint effort of the Agricultural Research Division and the Cooperative Extension Service.

Tests were supported in part by fees collected from entrants. A grant from the Nebraska Soybean Development Utilization and Marketing Board enabled the purchase of planting and harvesting equipment needed for conduct of East Central and Southeast trials. Acknowledgment is made to farmers who furnished land for experiments; also to extension agents and other I.A.N.R. personnel who assisted with the tests.

The Institute of Agriculture and Natural Resources provides information and educational programs to all people without regard to race, color, national origin, sex or handicap.

#### METRIC EQUIVALENTS

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)



## EXTENSION CIRCULAR

85-104

## CONTENTS

Procedure . . . . .	3
Test Locations . . . . .	4
Entrants . . . . .	5
Entries . . . . .	6
Performance . . . . .	8
Performance by years . . . . .	10
Data Tables	
Northeast early 1985 . . . . .	11
Northeast early 1984-1985 . . . . .	13
Northeast early 1981-1985 . . . . .	14
Northeast late 1985 . . . . .	15
Northeast late 1984-1985 . . . . .	17
Northeast late 1981-1985 . . . . .	18
East Central early 1985 . . . . .	19
East Central early 1981-1985 . . . . .	21
East Central late 1985 . . . . .	22
East Central late 1981-1985 . . . . .	24
Mead irrigated 1980-1984 . . . . .	25
Mead nonirrigated 1985 . . . . .	26
Mead nonirrigated 1980-1985 . . . . .	27
Lincoln nonirrigated 1985 . . . . .	28
Lincoln nonirrigated 1980-1985 . . . . .	29
Southeast early 1985 . . . . .	30
Southeast early 1984-1985 . . . . .	32
Southeast early 1981-1985 . . . . .	33
Southeast late 1985 . . . . .	34
Southeast late 1984-1985 . . . . .	35
Southeast late 1981-1985 . . . . .	36
South Central irrigated two tests early 1985 . . . . .	37
South Central irrigated Clay early 1985 . . . . .	38
South Central irrigated Franklin early 1985 . . . . .	39
South Central irrigated early 1984-1985 . . . . .	40
South Central irrigated early 1981-1985 . . . . .	41
South Central irrigated two tests late 1985 . . . . .	42
South Central irrigated Clay late 1985 . . . . .	43
South Central irrigated Franklin late 1985 . . . . .	44
South Central irrigated late 1984-1985 . . . . .	45
South Central irrigated late 1981-1985 . . . . .	46
West Central irrigated two tests 1985 . . . . .	47
West Central irrigated 1979-1985 . . . . .	48



## NEBRASKA SOYBEAN VARIETY TESTS 1985

The November 1 estimated soybean yield for Nebraska was 36 bushels per acre from 2,360,000 harvested acres. Total production of 85 million bushels was a record high for the state.

Spring conditions generally were favorable for planting soybeans. Ninety per cent of the crop was planted by June 3. Normal for this date is 50%. The crop began flowering slightly ahead of normal in July. August was cool and wet. Crop progress in mid-September was near normal.

Frost on September 24 killed soybeans in all areas of the state except the southeast and east central. Snow on September 29 lodged the crop in south central Nebraska. Low temperatures the morning of October 1 killed leaves in east central and southeast Nebraska. Wet weather followed. This delayed harvest about two weeks behind normal.

### PROCEDURE

Data were obtained from 14 trials at 9 locations. (Table 1). Publicly released entries were included at all sites. Privately developed varieties or blends were included in Northeast, East Central, Southeast and South Central trials.

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.

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. 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.  $\text{Seeds per pound} = 453.6 \times 100 \div \text{grams per 100 seeds}$ . Because of time constraints, seed weights are not reported for 1985 experiments which included privately-developed entries. Where these data appear in period-of-years averages, they are for years preceding 1985.



Table 1. Locations, cooperators and planting and harvest dates. Nebraska Soybean Performance Tests. 1985.

Location & Cooperator	Test	Planted	Harvested	Mat-yield correlation r
<b>Northeast</b>				
Dixon County	Early	May 21	Oct. 29	.15
Northeast Res. & Dev. Center	Late	May 22	Oct. 30	-.51*
<b>East Central</b>				
Washington County	Early	May 24	Oct. 24	.09
Brent Arp, Blair	Late	May 24	Oct. 25	.16
<b>Mead Irrigated</b>				
Saunders County	----	May 23	Oct. 23	-.22
Agricultural Res. & Dev. Center				
<b>Lincoln Nonirrigated</b>				
Agronomy Farm	----	May 25	Oct. 25	-.26
<b>Southeast</b>				
Nemaha County	Early	May 10	Oct. 28	-.25
Gauchat Farms, Brock	Late	May 10	Oct. 29	-.77**
<b>South Central Irrigated</b>				
Clay County	Early	May 20	Oct. 24	.41**
South Central Rec. & Ext. Center	Late	May 20	Oct. 28	-.45**
Franklin County	Early	May 24	Oct. 16, 24	.55**
Dale Loschen, Wilcox	Late	May 24	Oct. 25	-.49**
<b>West Central</b>				
Custer County	----	May 24	Nov. 1	----
Allen & Wayne Gieser, Merna				
Lincoln County	----	May 16	Oct. 16	----
West Central Res. & Ext. Center				



Table 2. Entrants. Nebraska Soybean Performance Tests. 1985.

Brand	Entrant	Address
-----	Agricultural Research Div., UNL	Lincoln, NE 68583
AgriPro	AgriPro	Ames, IA 50010
Asgrow	Asgrow Seed Company	Kalamazoo, MI 49001
Coker	Rohm & Haas Seeds, Inc.	Goddard, KS 67052
Coop	Coop Seed, Inc.	Alta, IA 51002
Crestland	Farmers Cooperative Company	Creston, IA 50801
De Soy	Dale Ewing Farm Seed	Jewell, IA 50130
DeKalb	DeKalb-Pfizer Genetics	DeKalb, IL 60115
Diamond Brand	Schettler Seeds, Inc.	Carroll, IA 51401
Fontanelle	Fontanelle Hybrids	Nickerson, NE 68044
Funk's	Funk Seeds International	Bloomington, IL 61701
Golden Harvest	J.C. Robinson Seed Co.	Waterloo, NE 68069
Hill Seed	Hill Seed Company	Ellsworth, IA 50075
Hoegemeyer	Hoegemeyer Hybrids	Hooper, NE 68031
Hofler	Hofler Seed Co.	Nora Springs, IA 50458
Horizon	Horizon Seeds, Inc.	Lincoln, NE 68501
Hy-Vigor	Hy-Vigor Seeds, Inc.	Paullina, IA 51046
J. M. Schultz	J. M. Schultz Seed Company	Dietrich, IL 62424
Jacobsen	Jacobsen Hybrid Corn Co.	Lakeview, IA 51450
Jacques	Jacques Seed Co.	Lincoln, IL 62656
Kruger	Kruger Seed Company	Dike, IA 50624
Land O'Lakes	Land O'Lakes, Inc.	Fort Dodge, IA 50501
Latham	Latham Seed Co.	Alexander, IA 50420
Lewis	Lewis Hybrids, Inc.	Ursa, IL 62376
Lincoln Seed	Lincoln Seed Company	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
Mershmann	Mershman, Inc.	West Point, IA 52656
Northrup King	Northrup King Co.	Minneapolis, MN 55440
Ohlde	Ohlde Seed Farms	Palmer, KS 66962
Prairie Brand	Prairie Brand	Story City, IA 50248
Profiseed	Profiseed, Inc.	Hampton, IA 50441
Riverside	Lynville Seed Company	Lynville, IA 50153
Rohm & Haas	Rohm & Haas Seeds, Inc.	Goddard, KS 67052
S-Brand	Schechinger Seed Comapny	Harlan, IA 51537
Sands	Sand Seed Service, Inc.	Marcus, IA 51035
Stine	Stine Seed Farm, Inc.	Adel, IA 50003
Strayer	Strayer Seed Farms	Hudson, IA 50643
Superior	Superior Hybrids	North Bend, NE 68649
Terra Seed	Terra Chemicals, Int.	Sioux City, IA 51101
Thompson	Thompson Farm Seeds	Leland, IA 50453
Tri Valley	Tri Valley Seed	Council Bluffs, IA 51501
Wilson Blend	Wilson Hybrids, Inc.	Harlan, IA 51537
Younkerman	Younkerman Seed Co.	Council Bluffs, IA 51501



Table 3. Entries. Nebraska Soybean Performance Tests. 1985.

Brand	Entries <u>1/</u>
-----	BSR 101 (P), Century (P), Century 84 (P), Corsoy 79 (P), Elgin (P), Fremont (P), Hack (P), Harper (P), Hobbit (P), Lakota (P), Logan (P), Mead (P), Pella (P), Platte (P), Sparks (P), Weber (P), Williams 82 (P), Winchester (P), Zane (P).
AgriPro	AP240 (P), AP3023 (P), AP350 (P), AP4321 (P), EX21268 (P), EX39075 (P), HP2530 (P), HP3033S (P), HP3440 (P), HP3700 (P).
Asgrow	A1937 (P), A2187 (P), A2522 (P), A2943 (P), A3127 (P), A3427 (P), A3803 (P), A3966 (P).
Coker	393 (P).
Coop	195, 200, 388, 425, 450.
Crestland	3301A (P), 3335 (P), 3346 (P).
De Soy	450 (B1), 595 (B1), 630 (B1), 660 (B1), 695 (B1), 750A (B1), 766 (B1), 777A (B1), 888 (B1), 919 (B1), 930 (B1), 950 (B1), 975 (B1).
DeKalb	CX264 (P), CX265 (P), CX283 (P), CX324 (P), CX345 (P), CX380 (P), CX415 (P).
Diamond Brand	D220B (B1), D245 (P), D280B (B1), D290 (P), D310 (P), D315 (P), D320B (B1), D330 (P), D351 (P), D355B (B1), TC204A (P).
Fontanelle	4250 (P), 4545 (P), 4600 (P), 5454 (P), 5708 (P), 6161 (P), 6464 (P), 6540 (P).
Funk's	G3236 (P), G3239 (B1), G3341 (B1), G3396 (B1), G3399 (B1), 1N0355 (P), 1W0345 (P), 12263 (B1).
Golden Harvest	H-1233 (P), H-1285 (P), X389 (P).
Hill Seed	EX 21 (P), EX 24 (P), EX 29 (P), EX 42 (P), HS 2000 (B1), HS 2500 (B1), HS 2700 (B1), HS 3000 (B1).
Hoegemeyer	200 (B1), 205 (B1), 220 (B1), 345 (B1), 375 (B1), 384 (B1), 390 (B1).
Hofler	Coral (P), Crystal (P), Gem (P), Jewell (P), Onyx (P), Pearl (P), Quartz (P), Ruby (P), Topaz (P).
Horizon	H-21 (P), H-25 (P), H-29 (P), H-34 (P), H-52 (P).
Hy-Vigor	Derby 9 (P), Hylander (P), 901 (B1), 903 (B1), 905 (B1), 907 (B1), 909 (B1).
J.M. Schultz	JMS 3482 (P), JMS 3482 (P).
Jacobsen	Big Red (B1), 721 (P), 799 (P), 823 (P), 824 (P).
Jacques	Exp. 84123 (P), Exp. 85107 (P), J-231, J-271.
Kruger	KB245 (B1), KB254 (B1), KB264 (B1), KB330 (B1), KB335 (B1), KB365 (B1), K2015 (P), K2179 (P), K2195 (P), K3035S (P), K4121 (P).
Land O'Lakes	G)-42 (B1), G)-43 (B1), LL0031 (P), LL0034 (P), L2456 (P), L3665 (P).
Latham	1010 (P), 650 (P), 851 (B1).
Lewis	300, 48.
Lincoln Seed	LS 7119 (P), LS 7221 (P), LS 7231 (P), LS 7234 (P).
Lynks	8202 (P), 8252 (P), 8280 (P), 8307, 8311 (P), 8380 (P), 8393.
McCubbin	Albany II (P), EX 40614 (P), EX 60514 (P), EX 80610 (P), Linn (P), Rend (P), Shiloh 86 (P), Taylor (P), Troy (P), Troy III (P), ML3 (B1), 102+ (B1), 260B (B1), 375B (B1).
Mershman	Cheyenne II (P), Eisenhower (P).
Northrup King	S23-03 (P), S27-10 (P), S30-31 (P), S39-93 (P), S39-99 (P), S42-30 (P), S42-40 (P).
Ohlde	2180 (P), 2188 (P), 2193 (P), 2193A (B1), 3193 (P), 3193A (B1), 3230 (P), 3238 (P), 3288 (P), 3380 (P).

Continued



Table 3. Concluded.

Brand	Entries <sup>1/</sup>
Prairie Brand	PB-223 (P), PB-345 (P), Zenith II (P).
Profiseed	PS 1138 (P), PS 1152 (P), PS 1350 (P).
Riverside	202R (B1), 2024 (B1), 303C (P), 3033 (P), 3505 (B1), 3605 (B1), 404P (B1), 4042 (B1).
Rohm & Haas	RA 280 (P), RA 303 (P), RA 404 (P), R422 (P), R463 (P).
S-Brand	S-40A (P), S-41 (P), S-44A (P), S-46D (P), S-47B (P), S-48C (B1), S-49B (P), S-52A (B1), S-53A (B1), S-56A (P), S-58A (P), S-60H (P), S-65 (P).
Sands	SOI EXP 229FT (B1), SOI EXP 356 (P), SOI EXP 257 (P), SOI EXP 352 (P), SOI EXP 359 (P), SOI EXP 359A (P), SOI 226 (P), SOI 226FT (B1), SOI 229 (B1), SOI 229T (B1), SOI 248 (P), SOI 254 (P), SOI 335 (P), SOI 337 (P), SOI 353 (P).
Stine	2050+ (P), 2050T (B1), 2330 (P), 2510 (P), 2720 (P), 2760 (P), 3010+ (P), 3102 (B1), 3500 (P), 3560 (B1), 3700 (P), 3760 (P), 3770 (P), 3790 (P), 4500 (P).
Strayer	2233 (P), 3114 (P), 3134 (P).
Superior	SPB 308 (P), SPB 308-T (B1), SPB 325 (B1), SPB 335 (B1), SPB 340 (P).
Terra Seed	Decathlon (P), EXP. 350 (P), Marathon (P), Olympian (P), Sprint (P), TB 232B (B1), TB 333B (P).
Thompson	T-12 (P), T-25 (P), T-30P (B1).
Tri Valley	Archer (P), Astro (P), Blazer (P), Bradley (P), Brat (P), Brat II (P), Bronco (P), Bronco II (P), Capri (P), Charger (P), Charger 85 (P), Colt (P), TV-22 (B1), TV-23 (B1), TV-28 (B1), VP-3 (P).
Wilson Blend	EXP 161 (B1), EXP 177 (B1), EXP 183 (P), EXP 186 (P), EXP 197 (P), 2101 (B1), 2505 (P), 2505R (B1), 3130 (B1), 3230 (P), 3450 (B1), 3560 (P), 357 (B1).
Younkerman	Austin (P), Bobcat II (P), Bobcat III (P), Camaro (P), Caprice (P), Champ (P), Cougar (B1), Cutlass (P), YSC 24 (B1), YSC 32 (B1), YSC 42 (B1).

<sup>1/</sup> Letters in ( ) indicate: (P) pure line; (B1) blend. These are not part of variety name. Several released and experimental strains tested at Mead and Lincoln are not included in this listing.



## PERFORMANCE

Entries are listed in tables in order of increasing maturity from earliest to latest. Average performance of varieties included in trials for five 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 1985 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 fifth 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 1985 data for Dixon County are shown in Tables 5 and 8. High soil fertility combined with good growing conditions resulted in excellent yields. Frost on September 24 stopped growth. In the early test, there was little relationship between maturity and yield. In the late test, later maturity was correlated with lower yield. Period-of-years data for this area are shown in Tables 6, 7, 9 and 10. In three of the last five years, average yields have exceeded 50 bushels (Table 4).

East Central

This trial was on an upland Sharpsburg silty clay loam soil. Good yields were produced (Table 11 and 13). This trial made good progress all season. Frost on October 1 appeared to do little damage. Maturity was not a factor in final yields. Period-of-years results are shown in Tables 12 and 14. No data were obtained in 1984 because of wet conditions at planting.

Mead and Lincoln

The Soybean Breeding Project has a primary research area at the Agricultural Research and Development Center at Mead; also a smaller area at the Agronomy Farm near Lincoln. Public variety releases are tested along with many experimental strains.

The Mead trial is set up as a split plot design with varieties tested with and without irrigation. No irrigation was needed in 1985. Results of irrigated trials for the 1980-1984 period are shown in Table 15. The 1985 data for the nonirrigated test are shown in Table 16 with period-of-years averages shown in Table 17. Similar data from the Lincoln Agronomy Farm are shown in Tables 18 and 19, respectively. Excellent yields were obtained in 1985.



### Southeast

This trial was on Bottomland. It was planted early and made good early progress. Excessive rains in August delayed progress and later varieties were not mature when frosted on October 1. Good yields were produced (Tables 19 and 22). Later maturity was highly correlated with lower yields in the late test. Period-of-years data for this area are shown in Tables 20, 21, 23 and 24.

### South Central Irrigated

These trials were conducted at two locations, Clay and Franklin Counties. Combined data are shown in Tables 25 and 30 and individual location data in Tables 26, 27, 31, and 32. Both locations were killed by frost on September 24. Snow five days later contributed to lodging, especially later varieties with leaves still attached. At both locations, in the early trial later maturity was significantly correlated with higher yield and in the late trial later maturity was correlated with lower yield. Period-of-years data for South Central Irrigated tests are shown in Tables 28, 29, 33 and 34.

### West Central Irrigated

This is an area of increased interest in soybeans as a crop for irrigated land. Trials including ten public variety releases were conducted in Custer and Lincoln Counties. Results are shown in Table 35. Soybeans made good progress and frost on September 23 did not cause reduced yields or seed quality. This is in contrast to the 1984 season when seed quality of later-maturing entries was low. Period-of-years data for trials in this area are shown in Table 36.



Table 4. Soybean performance. Average for entries common over years within tests. 1981-1985.

Test	Year	yield bu/A	Mature date	Lodging score	Height inches	Seeds pound
Northeast						
Early (10 entries)	1981	53.8	9-21	2.8	40	2603
	1982	39.2	9-25	1.0	34	2933
	1983	40.6	9-19	1.7	38	3280
	1984	56.8	9-21	2.6	41	3195
	1985	54.4	9-28	1.3	39	----
Late (9 entries)	1981	50.7	9-26	2.3	39	2613
	1982	41.4	9-29	1.0	34	2937
	1983	42.7	9-24	1.1	39	3287
	1984	54.0	9-28	2.4	40	2976
	1985	53.3	10-8	1.1	38	----
East Central						
Early (11 entries)	1981	45.5	9-18	1.0	34	2589
	1982	56.4	10-2	1.7	37	2765
	1983	38.2	9-25	1.4	29	3158
	1984	----	----	---	--	----
	1985	42.6	9-26	2.5	43	----
Late (11 entries)	1981	45.5	9-24	1.0	36	2619
	1982	56.1	10-8	2.1	39	2727
	1983	39.3	9-28	1.2	31	3214
	1984	----	----	---	--	----
	1985	44.7	10-2	2.2	43	----
Southeast						
Early (7 entries)	1981	52.2	9-19	3.1	43	2446
	1982	54.0	10-3	2.2	38	2556
	1983	34.1	9-16	1.1	30	3063
	1984	42.7	9-23	1.7	38	3057
	1985	52.3	9-25	1.8	38	----
Late (3 entries)	1981	51.1	9-24	3.7	54	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	2757
	1985	48.9	10-2	2.5	48	----
South Central						
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	2777
	1985	42.2	9-29	2.7	40	----
Late (5 entries)	1981	56.1	9-29	1.8	33	2211
	1982	50.1	10-7	1.3	34	2404
	1983	52.5	9-25	1.4	33	2792
	1984	54.3	9-26	1.5	31	2531
	1985	39.7	10-4	2.8	38	----



BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	LAKOTA	55.7	103	9-24	2.0	40
-----	WEBER	58.2	107	9-24	1.0	37
THOMPSON	T-12	49.2	91	9-25	1.0	38
ASGROW	A1937	56.4	104	9-26	1.0	37
HILL SEED	HS 2000	55.4	102	9-26	1.0	38
PROFISEED	PS 1138	52.5	97	9-27	1.3	40
COOP	195	53.1	98	9-28	1.0	40
HY-VIGOR	DERBY 9	57.3	105	9-28	1.0	39
COOP	200	58.8	108	9-29	1.0	39
FONTANELLE	4250	54.0	99	9-29	1.0	40
-----	CORSUOY 79	56.6	104	9-30	1.5	42
HY-VIGOR	901	55.3	102	9-30	1.3	40
HY-VIGOR	905	55.7	103	9-30	1.3	41
PROFISEED	PS 1152	58.1	107	9-30	1.0	35
SANDS	SOI 226	61.2	113	9-30	1.0	36
TRI VALLEY	ARCHER	56.9	105	9-30	1.0	37
ASGROW	A2187	57.7	106	10- 1	1.0	41
LATHAM	650	61.0	112	10- 1	1.0	35
LINCOLN SEED	LS 7119	56.8	105	10- 1	1.0	39
PRAIRIE BRAND	PB-223	60.4	111	10- 1	1.0	37
S-BRAND	S-44A	58.6	108	10- 1	1.0	35
STINE	2330	58.7	108	10- 1	1.0	36
TERRA SEED	DECATHALON	57.7	106	10- 1	1.0	36
THOMPSON	T-30P	59.3	109	10- 1	1.0	38
DE SOY	450	56.9	105	10- 2	1.0	39
DEKALB	CX264	58.6	108	10- 2	1.0	38
S-BRAND	S-40A	51.3	94	10- 2	1.0	40
-----	BSR 101	58.3	107	10- 3	1.0	37
GOLDEN HARVEST	H-1233	58.0	107	10- 3	1.0	35
JACOBSEN	721	58.2	107	10- 3	1.0	36
LAND O'LAKES	GO-43	55.0	101	10- 3	1.0	40
WILSON BLEND	2101	58.7	108	10- 3	1.0	36
-----	ELGIN	58.6	108	10- 4	1.0	35
LINCOLN SEED	LS 7221	60.7	112	10- 4	1.0	37
RIVERSIDE	404P	55.5	102	10- 4	1.0	39
RIVERSIDE	4042	52.1	96	10- 4	1.0	41
DE SOY	595	58.7	108	10- 5	1.0	36
HILL SEED	EX 21	56.3	104	10- 5	1.0	42
HOFER	JEWELL	61.9	114	10- 5	1.0	38
HOFER	PEARL	59.4	109	10- 5	1.0	38
JACQUES	J-231	60.0	110	10- 5	1.0	39
KRUGER	K2015	58.0	107	10- 5	1.0	37
LAND O'LAKES	L2456	54.4	100	10- 5	1.0	37
LATHAM	851	58.7	108	10- 5	1.0	36
MC CUBBIN	LINN	54.5	100	10- 5	1.0	36

CONTINUED

CONTINUED



TABLE 5. CONCLUDED.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
MC CUBBIN	EX 40614	59.3	109	10- 5	1.0	33
MC CURDY	260B	60.3	111	10- 5	1.0	36
NORTHRUP KING	S23-03	55.7	103	10- 5	1.5	40
RIVERSIDE	303C	55.8	103	10- 5	1.0	39
ROHM & HAAS	R422	52.4	96	10- 5	1.0	35
STINE	2510	63.3	117	10- 5	1.0	36
WILSON BLEND	EXP 177	56.0	103	10- 5	1.0	37
YOUNKERMEN	AUSTIN	58.4	107	10- 5	1.0	36
AGRI PRO	AP240	56.1	103	10- 6	1.0	36
LYNKS	8202	64.2	118	10- 6	1.0	38
S-BRAND	S-41	52.0	96	10- 6	1.0	33
SANDS	SOI 254	54.6	100	10- 6	1.0	38
STINE	2720	57.5	106	10- 6	1.0	39
THOMPSON	T-25	63.2	116	10- 6	1.0	40
TRI VALLEY	TV-22	60.8	112	10- 6	1.0	35
-----	HACK	60.8	112	10- 7	1.0	35
AGRI PRO	HP2530	56.0	103	10- 7	1.0	39
ASGROW	A2522	57.7	106	10- 7	1.0	42
DEKALB	CX283	56.9	105	10- 7	1.0	39
FUNK'S	G3236	55.0	101	10- 7	1.3	38
FUNK'S	G3239	54.6	100	10- 7	1.0	36
HILL SEED	HS 2500	58.0	107	10- 7	1.0	38
HOFER	CRYSTAL	59.5	110	10- 7	1.0	42
JACOBSEN	799	54.8	101	10- 7	1.0	36
KRUGER	KB254	59.4	109	10- 7	1.0	41
NORTHRUP KING	S27-10	63.2	116	10- 7	1.0	37
OHLDE	2188	57.2	105	10- 7	1.3	37
-----	CENTURY	51.2	94	10- 8	1.0	39
-----	PLATTE	53.6	99	10- 8	1.0	40
AGRI PRO	AP3023	57.1	105	10- 8	1.0	40
DE SOY	750A	58.4	107	10- 8	1.0	40
DEKALB	CX265	56.1	103	10- 8	1.0	37
KRUGER	KB245	55.7	103	10- 8	1.0	39
OHLDE	2180	57.1	105	10- 8	1.0	42
SANDS	SOI EXP. 256	57.8	106	10- 8	1.0	37
TRI VALLEY	ASTRO	57.6	106	10- 8	1.0	37
DIAMOND BRAND	D2208	60.8	112	10- 9	1.0	39
FUNK'S	1W0345	53.8	99	10- 9	1.0	40
AVERAGE ALL ENTRIES		57.2	---	10- 4	1.0	38.7
DIF. REQ. FOR SIG. 5%		5.3	---	2.2	0.2	2.9
25%		3.1	---	1.3	0.1	1.7

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

TABLE 6. NORTHEAST SOYBEAN PERFORMANCE. EARLY. 1984-1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
2-YEAR AVERAGE							
-----	LAKOTA	55.8	101	9-21	2.6	43	3000
-----	WEBER	56.4	102	9-22	1.7	37	3710
HILL SEED	HS 2000	57.8	105	9-24	1.8	41	2860
PROFISEED	PS 1138	56.6	103	9-25	1.9	41	3050
HY-VIGOR	DERBY 9	58.9	107	9-26	1.7	40	2990
LINCOLN SEED	LS 7119	56.5	103	9-26	1.3	39	2990
FONTANELLE	4250	57.6	105	9-27	2.0	42	2960
TRI VALLEY	ARCHER	58.5	106	9-27	1.6	38	3110
HY-VIGOR	901	59.3	108	9-28	2.4	43	3120
HY-VIGOR	905	56.1	102	9-28	1.8	41	3000
LATHAM	650	61.7	112	9-28	1.3	34	3020
PRAIRIE BRAND	PB-223	61.3	111	9-28	1.5	36	3080
PROFISEED	PS 1152	61.2	111	9-28	1.7	37	3100
SANDS	SOI 226	62.6	114	9-28	1.6	37	3100
DE SOY	450	63.3	115	9-29	1.7	43	2910
DEKALB	CX264	60.8	110	9-29	1.5	38	3060
GOLDEN HARVEST	H-1233	58.1	106	9-29	1.3	35	3110
RIVERSIDE	404P	53.4	97	9-29	1.9	40	3260
S-BRAND	S-44A	58.7	107	9-29	1.5	36	3050
TERRA SEED	DECATHALON	62.1	113	9-29	1.8	38	2950
WILSON BLEND	2101	58.5	106	9-29	1.5	38	2960
-----	ELGIN	57.4	104	9-30	1.7	35	3020
HOFLER	JEWELL	60.0	109	9-30	1.5	40	2960
LAND O'LAKES	GO-43	57.5	104	9-30	1.7	41	2970
LATHAM	851	59.0	107	9-30	1.8	37	3060
LINCOLN SEED	LS 7221	61.7	112	9-30	1.7	37	2980
RIVERSIDE	4042	55.0	100	9-30	1.7	43	2950
STINE	2510	63.3	115	9-30	1.8	36	2850
YOUNKERMANN	AUSTIN	59.4	108	9-30	2.0	39	2920
-----	HACK	59.0	107	10- 1	1.2	35	2870
AGRIPRO	AP240	54.4	99	10- 1	1.6	37	3340
HOFLER	CRYSTAL	56.3	102	10- 1	1.4	40	3000
HOFLER	ONYX	56.3	102	10- 1	1.4	40	3000
KRUGER	K2015	58.8	107	10- 1	1.3	39	2980
LYNKS	8202	62.1	113	10- 1	1.7	38	2960
MC CURDY	2608	58.3	106	10- 1	1.6	37	2890
RIVERSIDE	303C	57.2	104	10- 1	1.5	39	2870
-----	CENTURY	53.7	98	10- 2	1.7	39	3020
-----	PLATTE	52.3	95	10- 2	1.7	41	3230
AGRIPRO	HP2530	56.0	102	10- 2	1.9	43	3000
ASGROW	A2522	60.1	109	10- 2	2.2	43	3170
FUNK'S	G3236	58.4	106	10- 2	2.2	41	2870
HILL SEED	HS 2500	60.5	110	10- 2	1.7	39	2950
DE SOY	750A	57.3	104	10- 3	2.2	40	3010
DEKALB	CX283	60.9	111	10- 3	2.0	39	3070
DIAMOND BRAND	D220B	58.6	106	10- 3	1.6	39	3040
TRI VALLEY	ASTRO	58.3	106	10- 3	1.8	38	3080
AVERAGE ALL ENTRIES		58.4	---	9-29	1.7	39.0	3031
DIF. REQ. FOR SIG. 5%		N.S.	---	3.8	N.S.	3.8	205
25%		3.6	---	2.2	0.4	2.2	121

% yield based on average of Century, Platte and Weber.  
 Seeds pound: No 1985 data. Two-year are 1984.



TABLE 7. NORTHEAST SOYBEAN PERFORMANCE. EARLY. 1981-1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LOGGING SCORE	HEIGHT INCHES	SEEDS POUND
3-YEAR AVERAGE							
-----	LAKOTA	50.1	99	9-19	2.5	42	3180
-----	WEBER	50.6	100	9-21	1.7	37	3710
PROFISEED	PS 1138	51.5	102	9-22	1.9	40	3110
TRI VALLEY	ARCHER	54.1	107	9-25	1.6	37	3220
HY-VIGOR	901	54.4	108	9-26	2.2	44	3250
HY-VIGOR	905	51.7	103	9-26	1.8	41	3180
S-BRAND	S-44A	54.8	109	9-26	1.4	36	3130
SANDS	SOI 226	56.5	112	9-26	1.5	37	3220
WILSON BLEND	2101	52.8	105	9-26	1.5	38	3090
KRUGER	K2015	52.7	105	9-27	1.2	37	2980
RIVERSIDE	404P	50.5	100	9-27	1.8	39	3300
RIVERSIDE	4042	50.0	99	9-27	1.6	43	3160
-----	ELGIN	51.8	103	9-28	1.6	34	3180
AGRIPRO	AP240	50.2	100	9-28	1.5	36	3370
-----	CENTURY	50.2	100	9-29	1.4	38	2960
-----	PLATTE	49.2	98	9-29	1.5	40	3240
DEKALB	CX283	54.8	109	9-29	1.9	39	3240
DE SOY	750A	53.4	106	9-30	2.3	40	3170
TRI VALLEY	ASTRO	53.3	106	9-30	1.7	38	3250
AVERAGE ALL ENTRIES		52.2	---	9-26	1.7	38.7	3207
DIF. REQ. FOR SIG. 5%		N.S.	---	3.0	0.4	2.5	233
25%		2.6	---	1.7	0.2	1.4	132
4-YEAR AVERAGE							
-----	LAKOTA	47.1	98	9-20	2.1	41	3140
-----	WEBER	48.0	100	9-22	1.6	36	3570
PROFISEED	PS 1138	47.9	100	9-23	1.7	39	3030
HY-VIGOR	901	50.3	105	9-26	1.9	42	3140
TRI VALLEY	ARCHER	51.8	108	9-26	1.5	36	3090
RIVERSIDE	4042	47.2	98	9-27	1.6	42	3080
S-BRAND	S-44A	51.4	107	9-27	1.3	36	3060
-----	CENTURY	48.0	100	9-29	1.3	37	2810
-----	PLATTE	47.6	99	9-29	1.4	39	3100
DE SOY	750A	50.0	104	9-30	2.0	39	3060
AVERAGE ALL ENTRIES		48.9	---	9-26	1.6	38.7	3108
DIF. REQ. FOR SIG. 5%		N.S.	---	2.7	0.4	2.2	182
25%		2.2	---	1.6	0.3	1.2	103
5-YEAR AVERAGE							
-----	LAKOTA	48.3	98	9-19	2.3	41	3000
-----	WEBER	48.8	99	9-22	1.8	36	3430
PROFISEED	PS 1138	48.8	99	9-23	1.9	39	2920
-----	CENTURY	49.9	101	9-28	1.5	38	2670
AVERAGE ALL ENTRIES		49.0	---	9-23	1.9	38.5	3005
DIF. REQ. FOR SIG. 5%		N.S.	---	3.2	0.4	2.4	184
25%		N.S.	---	1.8	0.2	1.4	100

% yield based on average of Century, Platte (Amsoy 71 prior to 1984) and Weber.  
 Seeds pound: No 1985 data. Three-year are 1983-1984, etc.

TABLE 8. NORTHEAST SOYBEAN PERFORMANCE. DIXON COUNTY. LATE. 1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES
-----	WEBER	57.6	105	9-27	1.0	35
DE SOY	660	54.9	100	10- 7	1.0	37
HOEGEMEYER	200	57.2	104	10- 7	1.0	37
HORIZON	H-25	56.5	103	10- 7	1.0	37
HY-VIGOR	907	52.4	95	10- 7	1.0	39
LAND O'LAKES	GO-42	53.8	98	10- 7	1.0	38
TRI VALLEY	BLAZER	57.3	104	10- 7	1.3	37
-----	CENTURY	54.2	99	10- 8	1.0	40
AGRI PRO	HP2530	55.6	101	10- 8	1.0	41
COOP	388	49.4	90	10- 8	1.0	41
DE SOY	766	54.1	99	10- 8	1.0	39
DE SOY	777A	52.1	95	10- 8	1.0	39
DIAMOND BRAND	TC204A	58.0	106	10- 8	1.0	37
FONTANELLE	4545	57.0	104	10- 8	1.0	41
GOLDEN HARVEST	H-1285	56.3	103	10- 8	1.0	39
HILL SEED	HS 2700	61.6	112	10- 8	1.0	40
HOFER	RUBY	56.0	102	10- 8	1.0	38
HORIZON	H-21	58.3	106	10- 8	1.0	38
JACOBSEN	823	55.9	102	10- 8	1.0	42
JACQUES	J-271	54.2	99	10- 8	1.0	41
KRUGER	K2179	55.9	102	10- 8	1.0	37
LAND O'LAKES	LL0031	56.3	103	10- 8	1.0	37
LATHAM	1010	55.7	101	10- 8	1.0	39
LINCOLN SEED	LS 7225	57.5	105	10- 8	1.0	41
LYNKS	8252	56.6	103	10- 8	1.0	37
MC CUBBIN	SHILOH 86	52.3	95	10- 8	1.0	37
OHLDE	2193	58.9	107	10- 8	1.0	41
OHLDE	2193A	54.8	100	10- 8	1.0	40
ROHM & HAAS	RA 303	54.6	99	10- 8	1.3	40
S-BRAND	S-46D	53.4	97	10- 8	1.0	37
S-BRAND	S-47B	55.5	101	10- 8	1.0	38
SANDS	SOI 229	54.9	100	10- 8	1.0	38
TEKRA SEED	OLYMPIAN	54.9	100	10- 8	1.0	37
TRI VALLEY	BRONCO	54.0	98	10- 8	1.0	38
WILSON BLEND	EXP 161	55.3	101	10- 8	1.0	40
WILSON BLEND	2505R	57.1	104	10- 8	1.0	40
YOUNKERMANN	BOBCAT III	54.4	99	10- 8	1.0	39
YOUNKERMANN	YSC 24	56.1	102	10- 8	1.0	38
-----	CENTURY 84	49.5	90	10- 9	1.0	37
-----	PLATTE	52.9	96	10- 9	1.0	40
-----	ZANE	47.1	86	10- 9	1.0	39
AGRI PRO	AP3023	52.4	95	10- 9	1.0	42
FONTANELLE	4600	56.3	103	10- 9	1.0	39
FUNK'S	G3341	50.0	91	10- 9	1.0	38
HILL SEED	HS 3000	50.4	92	10- 9	1.8	41

CONTINUED



TABLE 8. CONCLUDED.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
HOFER	GEM	54.9	100	10- 9	1.3	40
J.M. SCHULTZ	JMS 2382	58.9	107	10- 9	1.0	40
JACOBSEN	BIG RED	49.9	91	10- 9	1.0	42
JACOBSEN	824	54.9	100	10- 9	1.0	37
LINCOLN SEED	LS 7234	55.1	100	10- 9	1.0	39
MC CUBBIN	TAYLOR	58.6	107	10- 9	1.0	39
OHLDE	3230	53.0	97	10- 9	1.0	40
PROFISEED	PS 1350	56.0	102	10- 9	1.0	41
S-BRAND	S-48C	55.1	100	10- 9	1.0	39
SANDS	SOI EXP. 257	53.1	97	10- 9	1.0	40
STINE	2050+	55.2	101	10- 9	1.0	41
TERRA SEED	SPRINT	58.6	107	10- 9	1.0	39
TRI VALLEY	BRADLEY	54.4	99	10- 9	1.0	39
YOUNKERMEN	BOBCAT II	54.0	98	10- 9	1.0	38
-----	MEAD	42.7	78	10-10	1.8	38
AGRIPRO	HP3033S	56.8	103	10-10	1.0	38
MC CURDY	375B	54.3	99	10-10	1.3	41
RIVERSIDE	3033	58.5	107	10-10	1.0	38
STINE	3500	54.5	99	10-10	1.0	40
WILSON BLEND	3130	49.8	91	10-10	1.0	41
-----	LOGAN	49.3	90	10-11	1.0	44
-----	PELLA	50.8	93	10-11	1.0	41
-----	FREMONT	49.0	89	10-11	1.0	42
DEKALB	CX324	49.4	90	10-11	1.0	41
DIAMOND BRAND	D245	56.3	103	10-11	1.5	44
DIAMOND BRAND	D280B	58.3	106	10-11	1.0	40
FUNK'S	12263	54.1	99	10-11	1.3	41
HILL SEED	EX 29	44.9	82	10-11	1.3	42
-----	HOBBIT	52.1	95	10-12	1.0	28
ASGROW	A2943	45.5	83	10-12	1.0	40
DEKALB	CX345	43.4	79	10-12	1.0	42
HY-VIGOR	HYLANDER	47.1	86	10-12	1.3	41
ROHM & HAAS	RA 280	49.2	90	10-12	2.0	45
SANDS	SOI EXP. 352	44.8	82	10-12	1.0	40
AVERAGE ALL ENTRIES		53.8	---	10.9	1.1	39.3
DIF. REQ. FOR SIG. 5%		5.9	---	1.6	0.3	2.6
25%		3.5	---	1.0	0.1	1.5

Yield in bushels per acre and % of Century, Platte and Weber.

This % should be used to make comparisons with the early test in this area.

TABLE 9. NORTHEAST SOYBEAN PERFORMANCE. LATE. 1984-1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
2-YEAR AVERAGE							
-----	WEBER	57.7	101	9-24	2.2	38	3410
-----	CENTURY 84	50.1	88	10- 2	1.4	42	2800
DE SOY	660	57.3	101	10- 2	1.8	38	2970
MC CUBBIN	SHILOH 86	57.6	101	10- 2	1.7	39	2660
TERRA SEED	OLYMPIAN	58.8	103	10- 2	1.7	38	2510
TRI VALLEY	BLAZER	56.6	99	10- 2	1.7	36	3040
-----	CENTURY	56.2	99	10- 3	1.5	43	2780
-----	PLATTE	49.7	87	10- 3	1.7	39	2940
AGRIPRO	HP2530	57.1	100	10- 3	1.7	44	2890
GOLDEN HARVEST	H-1285	58.2	102	10- 3	1.7	40	2960
HILL SEED	HS 2700	58.8	103	10- 3	1.7	40	2930
LATHAM	1010	56.8	100	10- 3	1.7	39	2990
OHLDE	2193A	57.5	101	10- 3	1.8	41	2790
S-BRAND	S-460	57.1	100	10- 3	1.6	38	2590
SANDS	SGI 229	55.8	98	10- 3	1.7	39	3090
WILSON BLEND	2505R	57.5	101	10- 3	1.9	41	2840
YOUNKERMANN	BOBCAT III	60.4	106	10- 3	1.6	40	2570
YOUNKERMANN	YSC 24	56.2	99	10- 3	1.7	39	2830
-----	ZANE	50.8	89	10- 4	1.3	41	2560
DE SOY	777A	54.0	95	10- 4	1.7	42	3000
DIAMOND BRAND	TC204A	55.7	98	10- 4	1.8	39	2980
HILL SEED	HS 3000	53.4	94	10- 4	2.4	42	2870
HOFER	GEM	53.8	94	10- 4	2.2	39	2840
LINCOLN SEED	LS 7225	57.0	100	10- 4	1.8	40	2920
LINCOLN SEED	LS 7234	56.1	99	10- 4	1.8	39	2900
MC CUBBIN	TAYLOR	58.9	103	10- 4	1.8	40	2900
OHLDE	2193	57.2	100	10- 4	1.8	40	2910
PROFISEED	PS 1350	56.1	99	10- 4	1.7	42	3050
RIVERSIDE	3033	57.8	101	10- 4	1.7	38	3080
S-BRAND	S-47B	56.8	100	10- 4	1.8	39	3000
TERRA SEED	SPRINT	57.8	101	10- 4	1.7	39	2840
TRI VALLEY	BRADLEY	56.4	99	10- 4	1.8	39	3100
TRI VALLEY	BRUNCO	55.9	98	10- 4	1.8	39	2940
YOUNKERMANN	BOBCAT II	54.3	95	10- 4	1.5	37	3040
-----	FREMONT	50.3	88	10- 5	1.4	40	2830
-----	HOBBIT	54.6	96	10- 5	1.1	27	3100
-----	LOGAN	50.6	89	10- 5	1.8	45	2720
-----	MEAD	45.9	81	10- 5	1.9	39	3100
-----	PELLA	51.2	90	10- 5	1.7	42	2590
ASGROW	A2943	54.6	96	10- 5	1.4	41	2950
DEKALB	CX324	50.3	88	10- 5	1.6	43	3000
DIAMOND BRAND	D245	57.1	100	10- 5	2.3	45	3100
DIAMOND BRAND	D280B	55.8	98	10- 5	1.7	40	2970
MC CURDY	375B	55.4	97	10- 5	2.1	42	3050
HY-VIGOR	HYLANDER	48.9	86	10- 6	2.2	43	2900
AVERAGE ALL ENTRIES		55.2	---	10- 4	1.7	39.9	2907
DIF. REQ. FOR SIG.	5%	6.6	---	2.2	N.S.	3.8	193
	25%	3.8	---	1.3	0.3	2.2	114

% yield based on average of Century, Platte and Weber.  
 Seeds pound: No 1985 data. Two year are 1984.



TABLE 10. NORTHEAST SOYBEAN PERFORMANCE. LATE. 1981-1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
3-YEAR AVERAGE							
-----	WEBER	52.1	100	9-22	1.8	38	3520
-----	CENTURY	51.8	100	9-29	1.3	41	2860
-----	PLATTE	47.3	91	9-29	1.4	39	3060
TRI VALLEY	BLAZER	54.6	105	9-29	1.6	37	3140
DE SOY	777A	50.9	98	9-30	1.7	43	3130
DIAMOND BRAND	TC204A	52.4	101	9-30	1.5	40	3210
GOLDEN HARVEST	H-1285	54.0	104	9-30	1.5	40	3150
LINCOLN SEED	LS 7225	53.2	102	9-30	1.7	40	3120
MC CUBBIN	TAYLOR	54.6	105	9-30	1.8	40	3160
PROFISEED	PS 1350	52.5	101	9-30	1.6	42	3200
RIVERSIDE	3033	53.6	103	9-30	1.6	39	3220
SANDS	SUI 229	52.4	101	9-30	1.5	39	3240
TRI VALLEY	BRUNCO	52.5	101	9-30	1.6	39	3160
YOUNKERMAN	BOBCAT II	50.8	98	9-30	1.4	38	3220
-----	LOGAN	47.4	91	10- 1	1.5	46	2880
S-BRAND	S-47B	52.3	101	10- 1	1.6	39	3180
TRI VALLEY	BRADLEY	53.0	102	10- 1	1.7	39	3240
-----	HOBBIT	50.5	97	10- 2	1.0	27	3360
-----	MEAD	43.8	84	10- 2	1.6	38	3260
-----	PELLA	47.2	91	10- 2	1.5	42	2730
ASGROW	A2943	50.2	97	10- 2	1.3	39	3110
MC CURDY	375B	51.3	99	10- 2	1.9	42	3240
AVERAGE ALL ENTRIES		51.3	---	9-30	1.6	39.4	3154
DIF. REQ. FOR SIG. 5%		4.6	---	2.1	N.S.	3.2	142
25%		2.7	---	1.2	N.S.	1.8	81
4-YEAR AVERAGE							
-----	WEBER	49.1	100	9-23	1.6	37	3490
-----	CENTURY	49.1	100	9-29	1.3	39	2760
-----	PLATTE	45.5	93	9-29	1.3	38	3010
DIAMOND BRAND	TC204A	49.6	101	9-30	1.4	38	3150
GOLDEN HARVEST	H-1285	51.8	105	9-30	1.4	39	3130
LINCOLN SEED	LS 7225	50.5	103	9-30	1.5	39	3060
PROFISEED	PS 1350	49.8	101	9-30	1.5	41	3110
RIVERSIDE	3033	51.6	105	9-30	1.4	38	3140
TRI VALLEY	BRADLEY	51.1	104	9-30	1.5	38	3180
TRI VALLEY	BRUNCO	50.1	102	9-30	1.5	38	3070
YOUNKERMAN	BOBCAT II	48.8	99	9-30	1.3	37	3130
-----	MEAD	42.9	87	10- 1	1.5	37	3170
MC CURDY	375B	48.0	98	10- 1	1.7	40	3170
S-BRAND	S-47B	49.9	102	10- 1	1.5	38	3110
-----	PELLA	46.1	94	10- 2	1.4	40	2690
-----	HOBBIT	48.3	98	10- 3	1.0	28	3210
AVERAGE ALL ENTRIES		48.9	---	9-30	1.4	37.8	3099
DIF. REQ. FOR SIG. 5%		3.2	---	1.8	N.S.	2.6	120
25%		1.9	---	1.0	N.S.	1.5	69
5-YEAR AVERAGE							
-----	WEBER	49.1	99	9-22	1.8	37	3350
-----	CENTURY	49.7	101	9-28	1.4	39	2660
-----	PLATTE	45.6	92	9-28	1.5	38	2930
DIAMOND BRAND	TC204A	50.3	102	9-29	1.7	38	3010
TRI VALLEY	BRUNCO	50.5	102	9-29	1.7	39	2960
-----	MEAD	44.0	89	9-30	1.6	37	3080
S-BRAND	S-47B	50.6	102	9-30	1.6	39	3000
YOUNKERMAN	BOBCAT II	49.4	100	9-30	1.6	38	3010
-----	PELLA	47.0	95	10- 2	1.5	41	2580
AVERAGE ALL ENTRIES		48.5	---	9-29	1.6	38.4	2953
DIF. REQ. FOR SIG. 5%		3.2	---	2.0	N.S.	2.2	90
25%		1.8	---	1.1	N.S.	1.2	52

% yield based on average of Century, Platte (Amsoy 71 prior to 1984) and Weber.  
 Seeds pound: No 1985 data. Three-year are 1983-1984, etc.

TABLE 11. EAST CENTRAL SOYBEAN PERFORMANCE. WASHINGTON COUNTY. EARLY. 1985

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	WEBER	41.0	101	9-17	3.3	40
HOFLER	PEARL	42.9	105	9-18	1.8	40
-----	CORSOY 79	43.6	107	9-19	3.0	47
HY-VIGOR	901	43.3	106	9-19	3.8	48
LYNKS	8252	38.2	94	9-19	2.0	38
TRI VALLEY	BRONCO	39.5	97	9-19	2.3	42
-----	BSR 101	49.9	123	9-20	1.3	40
FONTANELLE	4600	44.2	109	9-20	2.0	42
HOEGEMEYER	220	41.8	103	9-20	2.3	42
HORIZON	H-29	39.4	97	9-20	2.8	40
LAND O'LAKES	LL0031	41.8	103	9-20	2.3	42
LINCOLN SEED	LS 7231	46.9	115	9-20	2.3	43
MC CUBBIN	SHILOH 86	40.1	98	9-20	2.3	42
SANDS	SOI 248	41.1	101	9-20	2.0	40
DE SOY	630	43.5	107	9-21	2.5	42
GOLDEN HARVEST	H-1233	45.4	111	9-21	2.5	41
HOFLER	JEWELL	42.1	103	9-21	2.5	39
HOFLER	ONYX	41.3	101	9-21	3.3	47
MC CURDY	102+	44.0	108	9-21	2.8	47
NORTHROP KING	S27-10	38.5	95	9-21	1.5	41
RIVERSIDE	303C	45.1	111	9-21	2.8	42
ROHM & HAAS	R422	41.5	102	9-21	1.5	40
SANDS	SOI 226FT	49.1	121	9-21	3.0	43
STINE	2760	44.4	109	9-21	2.5	41
-----	CENTURY 84	40.6	100	9-22	1.5	43
DEKALB	CX264	41.3	101	9-22	2.8	39
NORTHROP KING	S23-03	46.1	113	9-22	2.5	42
RIVERSIDE	4042	40.3	99	9-22	2.5	46
STRAYER	2233	49.2	121	9-22	2.3	42
ASGROW	A2522	39.2	96	9-23	3.0	45
LINCOLN SEED	LS 7221	44.4	109	9-23	2.5	42
RIVERSIDE	404P	44.1	108	9-23	2.5	46
-----	ELGIN	44.3	109	9-24	2.0	37
AGRIPRO	AP240	46.1	113	9-24	1.8	39
DE SOY	766	43.1	106	9-25	1.8	43
DIAMOND BRAND	D220B	44.2	109	9-25	2.0	44
-----	CENTURY	39.5	97	9-26	1.8	44
AGRIPRO	AP3023	44.8	110	9-26	2.3	43
HILL SEED	EX 24	41.1	101	9-26	2.8	44
HY-VIGOR	903	36.9	91	9-26	2.5	48
OHLDE	2193A	41.6	102	9-26	2.3	42
SUPERIOR	SPB 308	43.6	107	9-26	2.8	44
-----	HACK	44.5	109	9-27	1.0	41
-----	PLATTE	38.5	95	9-27	1.8	44
DEKALB	CX283	46.0	113	9-27	2.5	44

CONTINUED



TABLE 11. CONCLUDED.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
HILL SEED	EX 21	39.3	96	9-27	2.0	50
HILL SEED	HS 2500	40.9	100	9-27	2.5	44
HY-VIGOR	909	35.8	88	9-27	2.5	48
KRUGER	K2195	46.2	113	9-27	3.3	46
TRI VALLEY	TV-23	38.4	94	9-27	2.8	43
YOUNKERMEN	YSC 24	43.3	106	9-27	2.8	43
AGRIPRO	HP2530	40.4	99	9-28	2.3	44
DE SOY	750A	43.3	106	9-28	2.8	46
LAND O'LAKES	GO-42	43.3	106	9-28	2.0	44
MC CUBBIN	TAYLOR	40.6	100	9-28	3.3	43
OHLDE	2193	46.8	115	9-28	3.5	44
-----	LOGAN	36.1	89	9-29	3.0	51
COOP	388	39.3	96	9-29	3.0	45
DIAMOND BRAND	TC204A	45.0	110	9-29	2.5	43
HOEGEMEYER	205	43.6	107	9-29	2.5	42
PRAIRIE BRAND	ZENITH II	47.1	116	9-29	2.8	44
S-BRAND	S-48C	47.2	116	9-29	2.3	44
SUPERIOR	SPB 325	44.7	110	9-29	2.3	44
WILSON BLEND	EXP 161	44.2	109	9-29	2.0	44
WILSON BLEND	2505R	40.5	99	9-29	2.8	43
FUNK'S	G3239	42.8	105	9-30	3.0	44
KRUGER	KB264	46.0	113	9-30	2.8	45
OHLDE	2180	43.9	108	9-30	2.5	49
S-BRAND	S-47B	44.9	110	9-30	2.5	43
TRI VALLEY	BRADLEY	47.4	116	9-30	2.8	44
WILSON BLEND	2505	46.4	114	9-30	2.3	45
YOUNKERMEN	BOBCAT II	45.2	111	9-30	2.5	43
-----	MEAD	40.1	98	10- 1	2.0	40
-----	PELLA	42.6	105	10- 1	1.5	45
S-BRAND	S-49B	47.8	117	10- 2	2.8	45
YOUNKERMEN	YSC 32	45.7	112	10- 2	1.8	44
AVERAGE ALL ENTRIES		43.0	---	9-25	2.4	43.3
DIF. REQ. FOR SIG. 5%		5.1	---	2.5	0.7	3.1
25%		3.0	---	1.5	0.4	1.8

Yield in bushels per acre and % of Century, Mead and Pella.

This % should be used to make comparisons with late entries in this area.

TABLE 12. EAST CENTRAL SOYBEAN PERFORMANCE. EARLY. 1981-1985. NO 1984 DATA.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
2-YEAR AVERAGE							
-----	WEBER	36.7	99	9-19	2.2	32	3240
-----	CORSOY 79	40.3	109	9-21	2.7	40	2940
MC CURDY	102+	41.6	112	9-22	2.3	39	2910
RIVERSIDE	404P	41.9	113	9-23	1.8	36	2910
RIVERSIDE	4042	38.5	104	9-23	2.0	39	3060
TRI VALLEY	BRONCO	41.2	111	9-23	1.8	35	3160
AGRIPRO	AP240	40.2	109	9-24	1.4	33	3400
-----	ELGIN	41.8	113	9-25	1.7	33	3310
HY-VIGOR	903	37.4	101	9-25	2.0	40	2940
-----	CENTURY	38.0	103	9-26	1.4	36	2740
-----	PLATTE	40.1	108	9-27	1.4	37	2930
DEKALB	CX283	45.5	123	9-27	2.3	37	3040
KRUGER	K2195	45.0	122	9-27	2.7	39	3020
MC CUBBIN	TAYLOR	40.9	111	9-27	2.2	37	3110
TRI VALLEY	BRADLEY	41.7	113	9-27	1.9	37	3460
WILSON BLEND	2505	43.8	118	9-27	2.2	38	3220
YOUNKERMEN	YSC 24	40.7	110	9-27	2.3	36	3060
DIAMOND BRAND	TC204A	43.6	118	9-28	1.8	36	3150
HOEGEMEYER	205	43.4	117	9-28	1.9	36	3230
S-BRAND	S-47B	45.6	123	9-28	2.0	37	3150
WILSON BLEND	2505R	41.0	111	9-28	1.9	37	2950
-----	LOGAN	38.2	103	9-29	2.3	43	2660
-----	MEAD	36.0	97	9-29	1.5	34	3540
YOUNKERMEN	BOBCAT II	42.5	115	9-29	1.9	36	3220
YOUNKERMEN	YSC 32	43.7	118	9-30	1.7	37	3240
-----	PELLA	40.3	109	10- 1	1.3	38	2540
AVERAGE ALL ENTRIES		41.1	---	9-26	1.9	36.8	3082
DIF. REQ. FOR SIG. 5%		N.S.	---	4.3	0.8	3.4	143
25%		3.5	---	2.5	0.4	1.9	84
3-YEAR AVERAGE							
-----	WEBER	40.8	96	9-21	1.8	32	3220
-----	CORSOY 79	45.3	107	9-23	2.6	40	2840
RIVERSIDE	4042	43.5	102	9-25	1.9	39	2800
AGRIPRO	AP240	45.1	106	9-26	1.3	33	3170
TRI VALLEY	BRONCO	47.2	111	9-26	2.0	36	2940
-----	CENTURY	42.9	101	9-27	1.3	35	2570
-----	PLATTE	45.1	106	9-28	1.3	37	2880
YOUNKERMEN	YSC 24	46.5	109	9-29	2.0	36	2870
DIAMOND BRAND	TC204A	48.3	114	9-30	1.6	36	3000
HOEGEMEYER	205	47.9	113	9-30	1.9	37	3020
S-BRAND	S-47B	50.0	118	9-30	1.9	37	2960
TRI VALLEY	BRADLEY	47.9	113	9-30	1.9	37	3090
WILSON BLEND	2505	49.4	116	9-30	2.3	38	2930
YOUNKERMEN	BOBCAT II	47.7	112	9-30	2.1	37	2990
-----	MEAD	42.1	99	10- 1	1.3	33	3250
YOUNKERMEN	YSC 32	49.4	116	10- 2	1.9	38	3080
AVERAGE ALL ENTRIES		46.2	---	9-28	1.8	36.3	2976
DIF. REQ. FOR SIG. 5%		4.2	---	3.5	0.6	1.5	269
25%		2.4	---	2.0	0.4	0.9	152
4-YEAR AVERAGE							
-----	WEBER	40.9	96	9-18	1.6	32	3180
-----	CORSOY 79	44.9	106	9-21	2.2	39	2810
-----	CENTURY	43.0	101	9-25	1.2	35	2450
-----	PLATTE	45.0	106	9-25	1.2	36	2770
TRI VALLEY	BRONCO	47.3	111	9-25	1.7	36	2790
HOEGEMEYER	205	47.7	112	9-27	1.7	36	2860
TRI VALLEY	BRADLEY	47.9	113	9-27	1.7	36	2890
WILSON BLEND	2505	49.2	116	9-27	2.0	37	2790
YOUNKERMEN	BOBCAT II	47.9	113	9-27	1.8	37	2840
YOUNKERMEN	YSC 24	46.7	110	9-27	1.8	36	2710
-----	MEAD	42.0	99	9-29	1.3	33	3130
AVERAGE ALL ENTRIES		45.7	---	9-25	1.7	35.7	2838
DIF. REQ. FOR SIG. 5%		3.2	---	3.1	0.6	1.7	237
25%		1.8	---	1.8	0.3	0.9	134

% yield based on average of Century, Mead and Pella (Woodworth prior to 1985).



TABLE 13. EAST CENTRAL SOYBEAN PERFORMANCE. WASHINGTON COUNTY. LATE. 1985

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
AGRI PRO	EX39075	45.1	109	9-28	2.0	48
-----	CENTURY	41.0	99	9-30	2.0	44
-----	PLATTE	34.7	84	9-30	2.0	43
HOFER	GEM	42.1	102	9-30	3.5	46
RIVERSIDE	3033	51.6	125	9-30	2.8	44
STRAYER	3114	48.7	118	9-30	3.3	48
TRI VALLEY	BRAT II	45.9	111	9-30	1.8	45
-----	HARPER	43.9	106	10- 1	1.5	40
ASGROW	A2943	46.9	113	10- 1	1.0	40
DE SOY	695	46.1	111	10- 1	1.3	43
FUNK'S	G3341	45.1	109	10- 1	2.5	42
HILL SEED	HS 2700	46.7	113	10- 1	2.8	43
HOEGEMEYER	375	46.4	112	10- 1	2.0	46
J.M. SCHULTZ	JMS 2382	47.5	115	10- 1	2.5	43
KRUGER	K8365	45.0	109	10- 1	2.0	44
KRUGER	K3035S	44.5	107	10- 1	2.0	45
LAND O' LAKES	L3665	41.3	100	10- 1	1.8	44
LINCOLN SEED	LS 7225	45.0	109	10- 1	3.0	44
LINCOLN SEED	LS 7234	45.6	110	10- 1	2.3	43
LYNKS	8311	40.4	98	10- 1	2.0	45
MC CURDY	375B	42.9	104	10- 1	2.5	43
ROHM & HAAS	RA 303	48.6	117	10- 1	2.8	45
SANDS	SOI 337	44.4	107	10- 1	2.0	45
STINE	3102	46.4	112	10- 1	2.0	45
SUPERIOR	SPB 335	42.3	102	10- 1	1.8	44
SUPERIOR	SPB 340	42.6	103	10- 1	2.0	45
TERRA SEED	SPRINT	45.0	109	10- 1	2.5	42
TERRA SEED	TB 333B	44.8	108	10- 1	2.3	45
TRI VALLEY	COLT	48.4	117	10- 1	2.8	43
YOUNKERMEN	CUTLASS	42.1	102	10- 1	2.0	44
-----	MEAD	40.4	98	10- 2	2.3	42
-----	PELLA	42.8	103	10- 2	2.0	46
-----	FREMONT	42.9	104	10- 2	1.5	45
-----	ZANE	46.2	112	10- 2	1.3	42
AGRI PRO	EX21268	47.2	114	10- 2	2.0	44
COOP	425	45.0	109	10- 2	3.3	49
DE SOY	919	44.4	107	10- 2	2.0	44
DEKALB	CX324	48.3	117	10- 2	1.8	45
FONTANELLE	5708	43.1	104	10- 2	2.0	45
GOLDEN HARVEST	H-1285	47.2	114	10- 2	2.8	46
HILL SEED	EX 29	42.0	101	10- 2	3.5	46
HILL SEED	HS 3000	44.3	107	10- 2	2.3	45
HOEGEMEYER	345	49.1	119	10- 2	2.0	46
HOFER	ONYX	43.6	105	10- 2	2.5	45
J.M. SCHULTZ	JMS 3482	43.7	106	10- 2	1.8	44

CONTINUED

TABLE 13. CONCLUDED.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
LAND O'LAKES	LL0034	47.6	115	10- 2	2.3	45
LYNKS	8280	46.0	111	10- 2	2.8	43
LYNKS	8307	47.0	114	10- 2	2.5	47
MC CUBBIN	RENO	51.6	125	10- 2	2.0	47
MC CUBBIN	TROY III	43.0	104	10- 2	2.0	45
OHLDE	3193	43.1	104	10- 2	2.0	46
ROHM & HAAS	RA 280	45.2	109	10- 2	3.0	51
S-BRAND	S-52A	44.6	108	10- 2	2.3	44
S-BRAND	S-53A	45.2	109	10- 2	1.8	45
S-BRAND	S-56A	45.7	110	10- 2	1.8	44
SANDS	SOI 353	49.5	120	10- 2	1.8	44
STINE	3010+	46.0	111	10- 2	1.8	45
STINE	3700	51.2	124	10- 2	2.3	46
STRAYER	3134	45.6	110	10- 2	2.3	42
WILSON BLEND	3130	44.0	106	10- 2	2.5	45
WILSON BLEND	3230	42.4	102	10- 2	2.3	45
YOUNKERMANN	CAMARG	47.1	114	10- 2	2.3	45
YOUNKERMANN	COUGAR	46.7	113	10- 2	2.5	43
AGRIPRO	HP3440	40.5	98	10- 3	2.3	47
DIAMOND BRAND	D290	48.1	116	10- 3	2.0	44
HOFER	TOPAZ	41.0	99	10- 3	2.3	45
OHLDE	3193A	45.6	110	10- 3	2.3	43
OHLDE	3230	46.8	113	10- 3	2.5	45
TERRA SEED	EXP. 350	49.9	121	10- 3	2.3	46
TRI VALLEY	BRONCO II	46.6	113	10- 3	3.3	44
WILSON BLEND	EXP 183	41.1	99	10- 3	2.0	47
HOEGEMEYER	384	47.1	114	10- 4	3.0	48
HORIZON	H-52	46.0	111	10- 4	3.0	48
RIVERSIDE	3505	43.7	106	10- 4	2.0	47
DIAMOND BRAND	D245	50.7	122	10- 5	2.8	49
FONTANELLE	5454	45.3	109	10- 5	3.3	44
JACQUES	EXP. 85107	38.9	94	10- 5	2.0	44
NORTHRUP KING	S30-31	42.4	102	10- 5	2.8	45
-----	WINCHESTER	37.5	91	10- 6	2.0	44
ASGROW	A3427	49.1	119	10- 6	1.3	39
DE SOY	930	44.4	107	10- 6	2.3	48
DEKALB	CX345	42.8	103	10- 6	1.5	45
RIVERSIDE	202R	43.1	104	10- 6	2.3	42
SANDS	SOI EXP. 352	42.8	103	10- 6	1.8	39
-----	HCBBIT	50.4	122	10- 7	1.0	27
-----	WILLIAMS 82	36.3	88	10- 7	2.0	44
COOP	450	43.4	105	10- 7	2.0	44
DEKALB	CX380	33.8	82	10- 7	2.0	47
DIAMOND BRAND	D310	44.9	108	10- 7	3.0	48
AVERAGE ALL ENTRIES		44.8	---	10- 2	2.2	44.5
DIF. REQ. FOR SIG.	5%	5.9	---	1.9	0.6	3.1
	25%	3.4	---	1.1	0.4	1.8

Yield in bushels per acre and % of Century, Mead and Pella.

This % should be used to make comparisons with early entries in this area.



TABLE 14. EAST CENTRAL SOYBEAN PERFORMANCE. LATE. 1981-1985. NO 1984 DATA.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
2-YEAR AVERAGE							
-----	CENTURY	41.6	104	9-28	1.5	37	2590
KRUGER	K3035S	43.1	107	9-29	1.7	38	3340
NORTHROP KING	S30-31	40.8	102	9-29	1.9	39	3460
RIVERSIDE	3033	46.6	116	9-29	1.9	37	3260
STINE	3010+	42.5	106	9-29	1.4	39	3400
STINE	3102	43.0	107	9-29	1.5	38	3490
TRI VALLEY	CCLT	46.1	115	9-29	2.1	36	3130
YOUNKERMEN	CUTLASS	42.9	107	9-29	1.7	39	3250
ASGROW	A2943	44.8	112	9-30	1.0	35	3200
MC CURDY	375B	42.8	107	9-30	2.0	38	3340
S-BRAND	S-52A	43.6	109	9-30	1.7	38	3310
S-BRAND	S-56A	44.1	110	9-30	1.4	39	3340
WILSON BLEND	3130	37.6	94	9-30	1.8	40	3220
YOUNKERMEN	COUGAR	44.6	111	9-30	1.9	38	3300
DE SOY	919	43.1	107	10- 1	1.5	39	3170
HOEGEMEYER	384	43.9	109	10- 1	2.4	42	3340
TRI VALLEY	BRONCO II	41.2	103	10- 1	2.6	40	3490
-----	HAKPER	38.3	95	10- 2	1.3	35	2960
-----	MEAD	38.7	96	10- 2	1.7	36	3400
-----	PELLA	41.4	103	10- 2	1.5	40	2590
DIAMOND BRAND	D290	42.1	105	10- 2	1.5	39	3010
-----	HOBBIT	44.1	110	10- 4	1.0	24	3460
DIAMOND BRAND	D310	38.0	95	10- 5	2.0	42	3190
-----	WINCHESTER	35.0	87	10- 6	1.7	38	3030
RIVERSIDE	202R	39.1	97	10- 6	1.7	38	2860
-----	WILLIAMS 82	34.4	86	10- 7	1.7	40	3380
AVERAGE ALL ENTRIES		41.7	---	10- 1	1.7	37.8	3212
DIF. REQ. FOR SIG. 5%		6.4	---	4.0	0.7	3.0	296
25%		3.7	---	2.3	0.4	1.7	172
3-YEAR AVERAGE							
-----	CENTURY	44.7	102	9-30	1.3	37	2490
RIVERSIDE	3033	49.9	114	10- 1	2.0	38	2970
-----	MEAD	43.1	98	10- 2	1.4	36	3150
MC CURDY	375B	47.9	109	10- 2	2.2	38	3120
STINE	3010+	48.4	110	10- 2	1.9	39	3210
STINE	3102	49.4	113	10- 2	1.8	38	3250
YOUNKERMEN	CUTLASS	47.6	108	10- 2	2.0	39	3140
HOEGEMEYER	384	47.5	108	10- 3	2.5	42	3050
S-BRAND	S-52A	48.1	110	10- 3	1.9	38	3120
S-BRAND	S-56A	48.9	111	10- 3	1.8	39	3170
WILSON BLEND	3130	42.9	98	10- 3	2.0	40	2960
YOUNKERMEN	COUGAR	48.8	111	10- 3	2.1	39	3050
-----	PELLA	47.0	107	10- 4	1.7	40	2400
DIAMOND BRAND	D290	46.1	105	10- 4	1.8	40	2830
TRI VALLEY	BRONCO II	46.9	107	10- 5	2.5	41	3110
-----	HOBBIT	48.5	110	10- 6	1.0	25	3020
DIAMOND BRAND	D310	42.4	97	10- 6	2.0	42	2760
RIVERSIDE	202R	44.8	102	10- 7	1.8	39	2600
-----	WILLIAMS 82	40.4	92	10- 9	2.0	41	2940
AVERAGE ALL ENTRIES		46.5	---	10- 4	1.9	38.5	2965
DIF. REQ. FOR SIG. 5%		4.8	---	2.6	0.7	2.4	307
25%		2.8	---	1.5	0.4	1.4	174
4-YEAR AVERAGE							
-----	CENTURY	44.2	101	9-28	1.3	36	2390
-----	MEAD	43.3	99	9-30	1.3	35	3030
S-BRAND	S-52A	48.4	111	9-30	1.7	38	2980
WILSON BLEND	3130	43.7	100	9-30	1.8	40	2840
YOUNKERMEN	CUTLASS	47.4	108	9-30	1.8	39	3060
HOEGEMEYER	384	47.4	108	10- 1	2.2	42	2900
STINE	3010+	47.5	109	10- 1	1.7	38	3100
YOUNKERMEN	COUGAR	48.2	110	10- 1	1.8	39	2910
-----	PELLA	46.2	106	10- 2	1.5	40	2330
TRI VALLEY	BRONCO II	46.9	107	10- 2	2.2	41	2990
-----	HOBBIT	47.2	108	10- 4	1.0	26	2850
AVERAGE ALL ENTRIES		46.4	---	10- 1	1.7	37.6	2853
DIF. REQ. FOR SIG. 5%		N.S.	---	2.3	0.6	2.6	197
25%		2.2	---	1.3	0.4	1.5	111

% yield based on average of Century, Mead and Pella (Woodworth prior to 1984).  
 Seeds pound: No 1985 data. Two-year are 1983, etc.

Table 15. Mead irrigated soybean performance. 1980-1984. No 1985 data.

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
Nebsoy	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	----	----	---	--	---	----
Fremont	----	----	----	----	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. sig. 5%	5.6	5.0	5.8	5.7	6.7	N.S.	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.	2.9	1.8	0.3	1.8	0.2	0.6



Table 16. Mead nonirrigated soybean performance. Saunders County. 1985

Variety	Yield bu/A	Mature date	Lodging score	Height inches	Seed quality	Grams 100 seeds
BSR 101	55.3	9-18	1.4	40	1.4	20.0
Elgin	51.6	9-19	1.6	35	1.3	18.7
Corsoy 79	46.7	9-19	2.9	45	1.1	17.2
Platte	48.7	9-19	1.4	43	1.6	16.9
Nebsoy	48.3	9-22	1.5	40	1.8	19.3
Hack	57.3	9-22	1.0	39	1.4	19.7
Century 84	54.3	9-23	1.2	39	1.6	20.3
Century	51.8	9-24	1.6	42	1.4	20.2
Logan	48.7	9-29	2.0	50	1.1	19.8
Exp. 85-9	48.8	9-29	2.6	47	1.1	18.3
Zane	47.5	9-29	1.9	43	1.8	20.9
Gnome	53.0	10-1	1.0	26	1.0	18.3
Fremont	51.2	10-1	1.4	41	1.4	19.9
Mead	46.5	10-1	1.3	39	1.5	16.0
Pella	47.5	10-2	1.8	44	1.9	21.4
Mead Selection	45.7	10-3	1.8	40	1.7	16.2
Harper	50.1	10-3	1.8	38	1.4	19.8
Gnome 85	51.8	10-3	1.0	26	1.1	17.8
Sherman	52.0	10-4	2.3	39	1.3	17.6
Hobbit	61.6	10-6	1.1	28	1.0	19.0
Winchester	48.0	10-6	1.9	41	1.5	20.0
Exp. 85-10	56.6	10-6	1.0	30	1.0	21.4
Williams 82	43.6	10-9	1.9	45	1.4	18.8
Ripley	41.4	10-11	1.8	33	1.1	13.5
Dif. req. sig. 5%	2.6	1.7	0.3	2.1	0.3	0.6
25%	1.6	1.0	0.2	1.2	0.2	0.4

Table 17. Mead nonirrigated soybean performance. Saunders County. 1980-1985. No 1984 data.

Variety	Grain yield, bu/A							1983-1985 average				
	1980	1981	1982	1983	1985	1983-85 average	1980-85 average	Mature date	Lodging score	Height inches	Seed quality	Gms/100 seeds
BSR 101	----	----	----	----	55.3	----	----	----	---	--	---	----
Elgin	----	----	----	40.2	51.6	45.9	----	9-19	1.5	32	1.7	17.3
Corsoy 79	44.5	53.3	45.1	36.4	46.7	41.6	45.2	9-16	2.4	38	1.8	16.1
Platte	47.1	56.7	57.2	45.9	48.7	48.3	51.1	9-17	1.2	37	2.4	16.9
Nebsoy	44.1	54.3	52.3	34.7	48.3	41.5	46.7	9-18	1.4	34	2.4	17.9
Hack	----	----	----	----	57.3	----	----	----	---	--	---	----
Century 84	----	----	----	----	54.3	----	----	----	---	--	---	----
Century	48.6	60.0	55.9	34.2	51.8	43.0	50.1	9-19	1.3	35	1.9	18.9
Logan	----	----	----	38.9	48.7	43.8	----	9-24	2.0	42	1.6	19.0
Exp. 85-9	----	----	----	----	48.8	----	----	----	---	--	---	----
Zane	----	----	----	----	47.5	----	----	----	---	--	---	----
Gnome	----	----	----	----	53.0	----	----	----	---	--	---	----
Fremont	----	----	----	----	51.2	----	----	----	---	--	---	----
Mead	47.8	50.8	54.2	36.8	46.5	41.7	47.2	9-25	1.4	33	1.6	15.7
Pella	51.5	55.5	----	41.3	47.5	44.4	----	9-26	1.7	37	1.9	19.4
Mead Sel.	----	----	----	----	45.7	----	----	----	---	--	---	----
Harper	----	----	----	43.0	50.1	46.6	----	9-30	1.8	3.4	1.7	19.8
Gnome 85	----	----	----	----	51.8	----	----	----	---	--	---	----
Sherman	----	----	----	----	52.0	----	----	----	---	--	---	----
Hobbit	55.0	72.6	61.9	42.2	61.6	51.9	58.7	10-1	1.1	25	1.2	17.0
Winchester	----	----	----	38.6	48.0	43.3	----	10-1	1.9	37	1.6	18.3
Exp. 85-10	----	----	----	----	56.6	----	----	----	---	--	---	----
Williams 82	----	53.0	----	38.1	43.6	40.9	----	10-3	2.0	41	1.4	16.9
Ripley	----	----	----	----	41.4	----	----	----	---	--	---	----
Dif. req. sig. 5%	6.9	4.9	5.8	5.1	2.6	N.S.	4.4	4.5	0.5	5.1	N.S.	2.4
25%	3.9	2.8	3.3	2.9	1.6	4.4	2.5	2.5	0.3	2.8	N.S.	1.3



Table 18. Lincoln nonirrigated soybean performance. Lancaster County.  
1985.

Variety	Yield bu/A	Mature date	Lodging score	Height inches	Seed quality	Grams 100 seeds
BSR 101	60.0	9-26	1.1	43	2.0	22.1
Elgin	62.2	9-30	1.3	36	1.9	21.1
Platte	59.9	10-2	1.0	42	1.9	19.8
Corsoy 79	52.7	10-2	3.5	44	1.1	17.6
Nebsoy	53.2	10-2	1.3	42	2.3	21.1
Hack	63.9	10-3	1.0	41	2.0	21.4
Century 84	62.5	10-4	1.0	40	1.6	22.5
Mead	55.4	10-4	1.8	38	1.4	17.3
Century	60.8	10-5	1.8	43	1.4	22.9
Mead Selection	58.4	10-6	1.6	44	1.5	18.1
Zane	56.2	10-6	1.8	43	2.3	22.8
Logan	57.7	10-6	2.6	49	1.3	21.5
Exp. 85-9	54.5	10-7	4.4	49	1.0	18.3
Gnome	61.5	10-7	1.0	24	1.0	19.3
Gnome 85	56.7	10-7	1.0	23	1.0	19.2
Sherman	65.0	10-7	1.6	39	1.1	19.2
Harper	61.8	10-8	1.4	39	1.6	22.6
Fremont	59.0	10-8	2.0	41	1.6	21.9
Pella	56.2	10-9	1.3	43	2.1	23.3
Hobbit	63.7	10-11	1.0	26	1.0	19.5
Winchester	53.9	10-13	1.8	43	1.5	21.7
Exp. 85-10	64.8	10-14	1.0	27	1.0	22.4
Ripley	45.9	10-15	1.0	28	1.0	14.5
Williams 82	53.4	10-16	1.4	44	1.3	19.6
Dif. req. sig.	5% 4.6 25% 2.7	2.1 1.2	0.1 0.1	3.4 1.9	0.3 0.2	0.9 0.5

Table 19. Lincoln nonirrigated soybean performance. Lancaster County 1979-1985. No 1982, 1984 data.

Variety	Grain yield, bu/A							1979-1985 average				
	1979	1980	1981	1983	1985	1983-85 average	1979-85 average	Mature date	Lodging score	Height inches	Seed quality	Gms/100 seeds
BSR 101	----	----	----	----	60.0	----	----	----	---	--	---	----
Elgin	----	----	----	31.5	62.2	46.9	----	9-21	1.2	33	2.5	16.6
Corsoy 79	41.8	37.4	60.8	33.2	52.7	43.0	45.2	9-21	2.3	42	1.5	14.8
Nebsoy	43.9	41.6	59.5	33.1	53.2	43.2	46.3	9-22	1.2	37	2.7	17.7
Hack	----	----	----	----	63.9	----	----	----	---	--	---	----
Century 84	----	----	----	----	62.5	----	----	----	---	--	---	----
Platte	51.8	47.1	67.2	38.9	59.9	49.4	53.0	9-23	1.0	39	2.2	16.4
Century	46.8	47.6	64.4	33.9	60.8	47.4	50.7	9-23	1.4	37	1.7	18.5
Mead	53.9	40.8	66.6	36.1	65.4	50.8	52.6	9-27	1.4	33	1.8	15.6
Mead Sel.	----	----	----	----	58.4	----	----	----	---	--	---	----
Zane	----	----	----	----	56.2	----	----	----	---	--	---	----
Logan	----	----	70.5	37.2	57.7	47.5	----	9-28	1.8	45	1.6	17.7
Exp. 85-9	----	----	----	----	54.5	----	----	----	---	--	---	----
Gnome	----	----	----	----	61.5	----	----	----	---	--	---	----
Gnome 85	----	----	----	----	56.7	----	----	----	---	--	---	----
Sherman	----	----	----	----	65.0	----	----	----	---	--	---	----
Fremont	----	----	----	----	59.8	----	----	----	---	--	---	----
Pella	44.7	47.7	66.0	33.4	56.2	44.8	49.6	9-29	1.2	37	2.0	19.6
Harper	----	----	---	30.5	61.8	46.2	----	----	---	--	---	----
Hobbit	52.0	48.6	62.8	24.4	63.7	44.1	50.3	10-1	1.0	20	1.3	17.8
Winchester	----	----	----	31.7	53.9	42.8	----	10-4	1.4	40	1.5	17.9
Exp. 85-10	----	----	----	----	64.8	----	----	----	---	--	---	----
Ripley	----	----	----	----	45.9	----	----	----	---	--	---	----
Williams 82	----	----	58.9	30.0	53.4	41.7	----	10-6	1.3	41	1.5	16.2
Dif. req. sig. 5%	9.4	N.S.	7.0	5.6	4.6	N.S.	4.6	4.2	N.S.	4.1	0.6	N.S.
25%	5.5	N.S.	4.1	3.2	2.7	N.S.	2.7	2.3	N.S.	2.2	0.3	N.S.



TABLE 20. SOUTHEAST SOYBEAN PERFORMANCE. NEMAHA COUNTY. EARLY. 1985.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	CENTURY	51.3	105	9-18	1.5	38
-----	PLATTE	53.3	110	9-18	2.0	40
AGRIPRO	AP3023	44.2	91	9-18	2.5	39
COOP	425	49.7	102	9-18	3.3	40
GOLDEN HARVEST	H-1285	54.5	112	9-18	2.5	36
OHLDE	2193	54.4	112	9-18	2.8	38
-----	CENTURY 84	48.9	101	9-19	1.5	37
AGRIPRO	EX21268	51.8	107	9-19	1.8	38
DEKALB	CX283	53.1	109	9-19	2.8	38
ASGROW	A2943	55.1	113	9-20	1.0	37
DE SOY	766	54.1	111	9-20	1.0	38
HOFLER	GEM	48.6	100	9-20	4.0	36
LYNKS	8280	54.4	112	9-20	2.8	37
OHLDE	3193A	51.8	107	9-20	1.8	36
S-BRAND	S-49B	61.0	125	9-20	2.0	39
TRI VALLEY	TV-28	52.3	108	9-20	1.3	35
-----	FREMONT	52.3	108	9-21	1.3	39
-----	ZANE	50.2	103	9-21	1.0	40
PRAIRIE BRAND	PB-345	53.9	111	9-21	2.0	38
ROHM & HAAS	RA 303	50.4	104	9-21	2.5	39
TERRA SEED	SPRINT	54.0	111	9-21	2.5	37
CRESTLAND	3346	55.0	113	9-22	1.8	37
LEWIS	300	58.6	120	9-22	1.5	38
LYNKS	8307	58.6	120	9-22	1.5	40
TERRA SEED	MARATHON	49.3	101	9-22	1.5	39
TRI VALLEY	BRADLEY	53.3	110	9-22	2.0	37
YOUNKERMEN	CAPRICE	58.3	120	9-22	2.0	37
RIVERSIDE	3033	53.1	109	9-23	2.3	38
SANDS	SOI 337	51.6	106	9-23	1.5	39
CRESTLAND	3301A	52.1	107	9-24	2.0	40
KRUGER	K3035S	55.4	114	9-24	1.8	41
LYNKS	8311	51.2	105	9-24	2.3	40
MC CUBBIN	TROY III	51.2	105	9-24	1.8	40
AGRIPRO	HP3440	48.8	100	9-25	2.0	39
HILL SEED	EX 29	56.9	117	9-25	2.8	45
HOEGEMEYER	375	50.0	103	9-25	1.8	40
HOEGEMEYER	384	47.5	98	9-25	3.3	43
MC CUBBIN	TROY	55.5	114	9-25	1.5	39
S-BRAND	S-53A	60.4	124	9-25	2.0	38
S-BRAND	S-56A	52.4	108	9-25	1.3	39
STINE	3010+	53.0	109	9-25	2.5	41
YOUNKERMEN	YSC 32	50.9	105	9-25	2.3	40
-----	LOGAN	54.9	113	9-26	2.0	46
-----	MEAD	47.9	98	9-26	1.8	37
-----	PELLA	51.8	107	9-26	1.3	42

CONTINUED

TABLE 20. CONCLUDED.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
HOFER	ONYX	51.5	106	9-26	2.8	40
HOFER	TOPAZ	50.2	103	9-26	2.0	40
HORIZON	H-34	50.4	104	9-26	2.3	41
J.M. SCHULTZ	JMS 3482	50.2	103	9-26	1.0	38
TRI VALLEY	BRAT	49.9	103	9-26	3.0	41
WILSON BLEND	3130	51.2	105	9-26	1.5	43
HORIZON	H-52	52.9	109	9-27	3.3	43
YOUNKERMAN	CHAMP	52.3	108	9-27	2.0	41
-----	HARPER	56.9	117	9-28	1.0	40
DEKALB	CX345	50.3	103	9-28	1.0	42
KRUGER	KB335	51.1	105	9-28	1.0	39
WILSON BLEND	3230	53.5	110	9-28	2.0	41
ASGROW	A3427	53.9	111	9-29	1.8	41
DE SOY	919	53.7	110	9-29	1.8	42
DE SOY	930	53.7	110	9-29	2.5	42
FONTANELLE	6161	53.5	110	9-29	1.8	41
WILSON BLEND	3450	51.1	105	9-29	1.8	41
RIVERSIDE	202R	48.3	99	9-30	1.5	42
RIVERSIDE	3605	50.4	104	9-30	2.5	42
-----	HOBBIT	53.5	131	10- 1	1.0	25
DIAMOND BRAND	D315	47.5	98	10- 1	2.0	43
FUNK'S	IN0355	50.1	103	10- 1	1.8	42
MC CUBBIN	EX 60514	48.2	99	10- 1	2.3	44
NORTHROP KING	S39-93	49.5	102	10- 1	2.3	43
NORTHROP KING	S39-99	45.6	94	10- 1	1.3	41
OHLDE	3380	51.5	106	10- 1	1.8	44
SANDS	SOI EXP. 359	53.0	109	10- 1	2.8	42
SANDS	SOI EXP. 359A	46.4	95	10- 1	2.8	42
STINE	3770	54.6	112	10- 1	1.3	41
-----	WILLIAMS 82	46.2	95	10- 2	1.8	46
-----	WINCHESTER	48.4	100	10- 2	1.5	42
DIAMOND BRAND	D320B	49.6	102	10- 2	1.3	44
MC CURDY	ML3	47.8	98	10- 2	2.0	46
ROHM & HAAS	R463	43.3	89	10- 2	1.5	45
STINE	3760	53.9	111	10- 2	1.3	41
AVERAGE ALL ENTRIES		52.0	---	9-25	1.9	40.0
DIF. REQ. FOR SIG. 5%		5.0	---	3.3	0.8	3.1
25%		3.0	---	1.9	0.5	1.8

Yield in bushels per acre and % of Mead, Pella and Williams 82.  
 This % should be used in making comparisons with late entries in this area.



TABLE 21. SOUTHEAST SOYBEAN PERFORMANCE. EARLY. 1984-1985.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
2-YEAR AVERAGE							
-----	PLATTE	47.0	101	9-18	1.8	40	3000
-----	CENTURY	45.6	98	9-19	1.3	38	2780
-----	CENTURY 84	42.6	91	9-19	1.3	36	2750
OHLDE	2193	50.6	108	9-19	2.6	38	3340
DEKALB	CX283	49.6	106	9-20	2.7	39	3190
-----	FREMONT	46.1	99	9-21	1.4	39	3020
-----	ZANE	47.2	101	9-21	1.3	39	2490
ASGROW	A2943	50.5	108	9-21	1.0	36	3140
OHLDE	3193A	49.1	105	9-21	2.1	38	3180
RIVERSIDE	3033	50.5	108	9-22	2.3	38	3190
TRI VALLEY	BRADLEY	48.5	104	9-22	2.0	38	3330
YOUNKERMAN	CAPRICE	51.6	110	9-22	2.2	40	2690
MC CUBBIN	TRCY III	46.9	100	9-23	1.9	42	3130
-----	PELLA	46.7	100	9-24	1.4	40	2660
AGRIPRO	HP3440	45.4	97	9-24	2.0	41	2830
HOEGEMEYER	384	44.6	96	9-24	2.9	45	3110
SANDS	SGI 337	46.5	100	9-24	1.7	40	3130
STINE	3010+	48.2	103	9-24	2.2	41	3240
TRI VALLEY	BRAT	46.5	100	9-24	3.0	43	3010
YOUNKERMAN	YSC 32	47.8	102	9-24	2.2	40	3300
-----	MEAD	46.1	99	9-25	1.6	36	3210
HOFER	TOPAZ	46.0	99	9-25	2.4	42	3100
HORIZON	H-52	48.2	103	9-25	3.1	44	3160
KRUGER	K3035S	49.1	105	9-25	1.9	40	3120
LYNKS	8311	47.0	101	9-25	2.2	41	3110
MC CUBBIN	TROY	47.7	102	9-25	1.4	39	2780
-----	LOGAN	48.6	104	9-26	2.4	46	2660
DE SOY	919	47.5	102	9-26	1.8	42	3130
KRUGER	KB335	47.7	102	9-26	1.2	39	2510
WILSON BLEND	3130	47.6	102	9-26	2.0	42	3060
-----	HOBBIT	53.8	115	9-28	1.0	26	3340
OHLDE	3380	46.0	99	9-28	1.7	43	2520
-----	HARPER	50.9	109	9-29	1.0	38	2500
MC CURDY	ML3	43.5	93	9-29	2.2	46	3000
RIVERSIDE	202R	45.1	97	9-29	1.8	41	2590
-----	WILLIAMS 82	42.9	92	10- 1	1.9	44	2940
-----	WINCHESTER	43.9	94	10- 1	1.4	41	2710
AVERAGE ALL ENTRIES		47.4	---	9-24	1.9	40.0	2972
DIF. REQ. FOR SIG. 5%		4.7	---	3.5	0.6	3.5	151
25%		2.7	---	2.0	0.4	2.0	89

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

Seeds pound: No 1985 data. Two-year are 1984.

TABLE 22. SOUTHEAST SOYBEAN PERFORMANCE. EARLY. 1981-1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
3-YEAR AVERAGE							
-----	PLATTE	42.7	98	9-15	1.5	37	3260
-----	CENTURY	41.5	96	9-16	1.2	34	2820
ASGROW	A2943	46.0	106	9-19	1.0	34	3260
RIVERSIDE	3033	44.6	103	9-19	2.0	35	3400
TRI VALLEY	BRADLEY	43.8	101	9-19	1.7	35	3420
HOEGEMEYER	384	41.0	94	9-21	2.4	41	3180
STINE	3010+	44.0	101	9-21	1.9	38	3280
YOUNKERMAN	YSC 32	43.7	101	9-21	1.8	36	3400
-----	LOGAN	45.0	104	9-22	2.0	43	2790
-----	PELLA	43.4	100	9-22	1.3	37	2650
KRUGER	K3035S	43.9	101	9-22	1.6	37	3200
WILSON BLEND	3130	41.9	97	9-22	1.8	39	3090
-----	MEAD	41.1	95	9-23	1.4	33	3230
DE SOY	919	44.4	102	9-23	1.6	38	3080
-----	HARPER	45.1	104	9-25	1.0	34	2550
-----	HOBBIT	48.4	112	9-25	1.0	25	3200
MC CURDY	ML3	40.7	94	9-25	1.9	43	2990
RIVERSIDE	202R	41.2	95	9-26	1.5	38	2650
-----	WILLIAMS 82	40.6	94	9-28	1.7	41	3070
-----	WINCHESTER	39.7	91	9-28	1.3	37	2830
AVERAGE ALL ENTRIES		43.1	---	9-22	1.6	36.8	3068
DIF. REQ. FOR SIG. 5%		5.1	---	2.6	0.6	2.5	261
25%		2.9	---	1.5	0.3	1.4	149
4-YEAR AVERAGE							
-----	PLATTE	46.2	100	9-19	1.5	36	3080
-----	CENTURY	44.6	97	9-20	1.1	35	2630
RIVERSIDE	3033	47.7	103	9-22	2.2	36	3200
TRI VALLEY	BRADLEY	46.9	102	9-22	1.9	36	3150
-----	MEAD	44.0	95	9-25	1.3	34	3110
-----	PELLA	46.2	100	9-25	1.3	38	2530
HOEGEMEYER	384	44.0	95	9-25	2.9	42	3000
KRUGER	K3035S	46.9	102	9-25	1.8	38	3050
STINE	3010+	46.2	100	9-25	2.2	39	3090
WILSON BLEND	3130	44.3	96	9-25	2.2	40	2910
-----	HOBBIT	51.2	111	9-27	1.0	26	2960
RIVERSIDE	202R	42.7	92	9-28	1.6	39	2560
AVERAGE ALL ENTRIES		45.9	---	9-24	1.8	36.6	2939
DIF. REQ. FOR SIG. 5%		3.4	---	2.1	0.7	2.4	223
25%		2.0	---	1.2	0.4	1.4	127
5-YEAR AVERAGE							
-----	CENTURY	45.7	97	9-19	1.6	37	2510
-----	PELLA	47.3	100	9-23	1.7	40	2420
-----	MEAD	45.3	96	9-24	1.5	36	3020
HOEGEMEYER	384	45.9	97	9-24	3.1	43	2890
STINE	3010+	47.5	100	9-24	2.5	40	2950
WILSON BLEND	3130	45.3	96	9-24	2.5	41	2790
-----	HOBBIT	52.3	111	9-26	1.2	26	2890
AVERAGE ALL ENTRIES		47.0	---	9-23	2.0	37.6	2781
DIF. REQ. FOR SIG. 5%		3.0	---	1.8	0.7	2.7	135
25%		1.7	---	1.0	0.4	1.6	77

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

Seeds pound: No 1985 data. Three-year are 1983-1984, etc.



TABLE 23. SOUTHEAST SOYBEAN PERFORMANCE. NEMAHA COUNTY. LATE. 1985

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
TRI VALLEY	COLT	57.0	113	9-22	2.3	38
DE SOY	888	56.6	112	9-25	2.0	37
TRI VALLEY	CHARGER 85	56.6	112	9-25	3.8	42
-----	PELLA	53.3	105	9-27	1.8	41
-----	MEAD	50.9	101	9-28	2.0	37
KRUGER	KB330	55.0	109	9-28	1.8	41
OHLDE	3193	53.1	105	9-28	2.5	42
S-BRAND	S-58A	55.9	110	9-28	2.8	40
DE SOY	950	57.0	113	9-29	1.0	41
HOEGEMEYER	390	55.5	110	9-29	2.8	42
S-BRAND	S-60H	57.0	113	9-29	1.3	41
HOFER	CORAL	54.1	107	9-30	3.3	42
LYNKS	8393	51.5	102	9-30	3.5	44
OHLDE	3238	53.7	106	9-30	2.5	41
WILSON BLEND	3560	55.0	109	9-30	2.8	43
-----	WINCHESTER	49.4	98	10- 1	2.0	43
AGRIPRO	HP3700	57.3	113	10- 1	2.3	44
COOP	450	52.1	103	10- 1	1.8	41
CRESTLAND	3335	55.6	110	10- 1	2.8	42
DE SOY	975	56.6	112	10- 1	1.5	39
DEKALB	CX380	47.8	94	10- 1	2.0	45
KRUGER	K4121	56.5	112	10- 1	2.3	40
LYNKS	8380	55.5	110	10- 1	2.8	42
RIVERSIDE	2024	52.2	103	10- 1	2.5	50
S-BRAND	S-65	53.1	105	10- 1	1.8	43
STINE	4500	54.9	108	10- 1	1.8	43
WILSON BLEND	EXP 197	48.7	96	10- 1	1.3	46
WILSON BLEND	357	52.1	103	10- 1	2.5	42
-----	SPARKS	47.1	93	10- 2	3.0	50
ASGROW	A3803	55.8	110	10- 2	1.3	36
DEKALB	CX415	52.5	104	10- 2	1.8	48
FONTANELLE	6464	50.4	100	10- 2	2.5	44
NORTHROP KING	S42-30	53.6	106	10- 2	1.0	39
LEWIS	48	47.1	93	10- 3	1.8	38
OHLDE	3288	52.0	103	10- 3	2.5	39
STINE	3790	55.3	109	10- 3	2.3	43
YOUNKERMAN	YSC 42	52.3	103	10- 3	2.8	44
DIAMOND BRAND	D330	46.3	92	10- 4	1.5	45
FUNK'S	G3396	48.7	96	10- 4	1.5	45
FUNK'S	G3399	48.6	96	10- 4	1.8	43
-----	WILLIAMS 82	47.6	94	10- 5	1.8	46
ASGROW	A3966	47.4	94	10- 5	2.3	46
COKER	393	49.4	98	10- 5	2.0	41
GOLDEN HARVEST	X389	47.0	93	10- 5	1.8	46
MC CUBBIN	ALBANY II	48.7	96	10- 5	2.0	46
MERSHMAN	EISENHOWER	53.4	106	10- 5	2.5	44
NORTHROP KING	S42-40	51.9	103	10- 5	1.8	44
AGRIPRO	AP4321	45.5	90	10- 6	2.3	43
DIAMOND BRAND	D351	44.3	88	10- 6	2.5	46
FONTANELLE	6540	46.4	92	10- 6	2.8	46
JACQUES	EXP. 84123	49.9	99	10- 6	1.3	45
MC CUBBIN	EX 80610	46.6	92	10- 6	3.0	51
DIAMOND BRAND	D355B	45.1	89	10- 7	2.5	49
HILL SEED	EX 42	45.1	89	10- 7	2.3	48
HOFER	QUARTZ	46.5	92	10- 7	2.5	44
ROHM & HAAS	RA 404	39.9	79	10- 7	2.3	47
AGRIPRO	AP350	46.3	92	10- 8	2.8	53
TRI VALLEY	VP-3	39.9	79	10- 8	2.8	54
AVERAGE ALL ENTRIES		51.1	---	10- 2	2.2	43.5
DIF. REQ. FOR SIG. 5%		4.8	---	2.2	0.7	3.0
25%		2.8	---	1.3	0.4	1.8

Yield on bushels per acre and % of Mead, Pella and Williams 82.

This % should be used in making comparisons with early entries in this area.

TABLE 24. SOUTHEAST SOYBEAN PERFORMANCE. LATE. 1984-1985.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
2-YEAR AVERAGE							
TRI VALLEY	CHARGER 85	50.1	104	9-24	3.1	42	2870
-----	PELLA	48.1	100	9-25	1.6	40	2590
-----	MEAD	46.9	98	9-26	1.5	35	3140
KRUGER	KB330	48.3	100	9-26	1.8	42	3020
OHLDE	3193	47.7	99	9-26	2.0	41	3010
DE SOY	950	50.2	104	9-27	1.2	40	2710
DE SOY	975	50.2	104	9-29	1.4	40	2510
HOEGEMEYER	390	49.1	102	9-29	2.4	42	3120
HOFLER	CORAL	48.4	101	9-29	2.7	41	3100
KRUGER	K4121	50.2	104	9-29	2.3	41	2600
LYNKS	8393	47.7	99	9-29	2.7	42	3020
OHLDE	3288	47.3	98	9-30	2.3	38	3170
WILSON BLEND	3560	49.6	103	9-30	2.6	43	2970
-----	WINCHESTER	44.4	92	10- 1	1.8	42	2700
DEKALB	CX380	44.1	92	10- 1	1.8	42	2790
FONTANELLE	6464	45.4	94	10- 2	2.5	43	2900
RIVERSIDE	2024	47.9	100	10- 2	2.5	49	3210
S-BRAND	S-65	47.8	99	10- 2	2.1	44	2880
STINE	4500	49.8	104	10- 2	2.3	44	2780
YOUNKERMANN	YSC 42	47.3	98	10- 2	2.4	43	2970
-----	SPARKS	42.4	88	10- 3	2.8	49	2810
-----	WILLIAMS 82	44.1	92	10- 3	1.8	43	2770
FUNK'S	G3396	45.5	95	10- 3	1.5	44	2730
ASGROW	A3966	43.4	90	10- 4	2.3	45	3420
COKER	393	46.5	97	10- 4	2.0	40	3330
FONTANELLE	6540	44.8	93	10- 4	2.8	44	2620
MERSHMAN	EISENHOWER	49.1	102	10- 4	2.4	44	2810
NORTHRUP KING	S42-40	47.4	99	10- 4	1.9	42	3170
DIAMOND BRAND	D355B	40.4	84	10- 5	2.3	48	2990
MC CUBBIN	ALBANY II	46.0	96	10- 5	2.4	46	2870
AGRIPRO	AP350	39.3	82	10- 6	2.8	51	2870
TRI VALLEY	VP-3	39.6	82	10- 6	2.4	48	2890
AVERAGE ALL ENTRIES		46.5	---	10- 1	2.2	43.1	2917
DIF. REQ. FOR SIG. 5%		4.4	---	3.3	0.9	4.2	160
25%		2.5	---	1.9	0.5	2.4	94

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

Seeds pound: No 1985 data. Two-year are 1984.



TABLE 25. SOUTHEAST SOYBEAN PERFORMANCE. LATE. 1981-1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
3-YEAR AVERAGE							
-----	PELLA	43.7	100	9-22	1.4	36	2590
KRUGER	K8330	44.5	102	9-23	1.6	37	3070
-----	WINCHESTER	40.4	92	9-28	1.5	37	2770
FONTANELLE	6464	40.6	93	9-28	2.0	39	2980
RIVERSIDE	2024	42.0	96	9-28	2.0	43	3290
YOUNKERMAN	YSC 42	43.4	99	9-28	1.9	39	2990
FUNK'S	G3396	41.8	96	9-29	1.3	39	2850
-----	SPARKS	39.3	90	9-30	2.2	43	2820
-----	WILLIAMS 82	40.4	92	9-30	1.5	39	2890
ASGROW	A3966	40.2	92	10- 1	2.0	41	3430
MC CUBBIN	ALBANY II	41.5	95	10- 1	2.2	42	2860
AGRIPRO	AP350	37.1	85	10- 2	2.2	45	2860
AVERAGE ALL ENTRIES		41.2	---	9-28	1.8	40.0	2950
DIF. REQ. FOR SIG. 5%		3.4	---	2.4	0.6	2.7	149
25%		1.9	---	1.4	0.3	1.6	82
4-YEAR AVERAGE							
-----	PELLA	45.2	100	9-25	1.3	36	2470
FONTANELLE	6464	41.5	92	9-30	2.1	39	2880
RIVERSIDE	2024	42.6	94	9-30	2.0	43	3120
-----	WILLIAMS 82	41.8	92	10- 1	1.8	38	2770
-----	SPARKS	41.1	91	10- 2	2.1	43	2750
AGRIPRO	AP350	40.7	90	10- 4	2.4	45	2690
AVERAGE ALL ENTRIES		42.2	---	9-30	2.0	40.7	2780
DIF. REQ. FOR SIG. 5%		N.S.	---	2.7	0.5	2.4	189
25%		N.S.	---	1.5	0.3	1.3	104
5-YEAR AVERAGE							
-----	PELLA	46.8	100	9-24	1.6	39	2370
-----	SPARKS	42.7	91	10- 1	2.5	46	2690
AGRIPRO	AP350	42.7	91	10- 2	2.7	47	2620
AVERAGE ALL ENTRIES		44.1	---	9-29	2.3	44.0	2560
DIF. REQ. FOR SIG. 5%		3.8	---	3.0	0.6	2.3	135
25%		2.0	---	1.6	0.3	1.3	70

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

Seeds pound: No 1985 data. Three-year are 1983-1984, etc.

TABLE 26. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY AND FRANKLIN COUNTIES.  
EARLY, 1985.

BRAND	ENTRY	YIELD		MATURE	LODGING	HEIGHT
		BU/A	%	DATE	SCORE	INCHES
-----	WEBER	40.3	93	9-21	2.8	38
-----	BSR 101	46.5	107	9-24	2.0	39
NORTHROP KING	S23-03	45.5	105	9-24	2.3	40
-----	CORSOY 79	44.6	103	9-26	3.5	43
-----	ELGIN	45.3	105	9-26	2.0	35
AGRIPRO	AP240	42.2	98	9-27	1.9	38
RIVERSIDE	4042	43.0	99	9-27	2.6	43
HILL SEED	EX 21	43.1	100	9-28	1.7	44
RIVERSIDE	404P	44.6	103	9-28	2.0	42
SANDS	SOI EXP. 256	43.5	101	9-28	1.7	36
-----	PLATTE	41.6	97	9-29	2.3	41
HILL SEED	EX 24	46.7	108	9-29	2.5	42
NORTHROP KING	S27-10	46.3	107	9-29	2.1	36
-----	CENTURY 84	46.5	107	9-30	1.3	40
HOEGEMEYER	220	48.0	111	9-30	2.7	39
SANDS	SOI EXP. 229FT	47.3	109	9-30	2.0	41
RIVERSIDE	303C	46.4	107	10- 1	2.9	40
-----	HACK	50.5	117	10- 2	1.6	38
AGRIPRO	HP2530	48.2	111	10- 2	2.4	43
DEKALB	CX283	46.7	108	10- 2	2.7	41
FONTANELLE	5708	42.8	99	10- 2	2.8	43
OHLDE	2188	45.5	105	10- 2	2.5	39
SUPERIOR	SPB 308-T	47.8	110	10- 2	2.5	38
AGRIPRO	AP3023	47.4	110	10- 3	2.3	44
FUNK'S	G3239	46.4	107	10- 3	2.8	40
HORIZON	H-29	48.7	113	10- 3	3.0	38
LAND O'LAKES	LL0031	47.1	109	10- 3	2.6	39
LYNKS	8252	46.6	108	10- 3	2.8	39
MERSHMAN	CHEYENNE II	47.8	110	10- 3	2.4	40
OHLDE	2193A	50.3	116	10- 3	2.8	40
SANDS	SOI 229T	48.3	112	10- 3	2.5	39
STINE	2050T	48.4	112	10- 3	2.7	40
TRI VALLEY	BRADLEY	45.5	105	10- 3	2.8	38
TRI VALLEY	BRUNCO	49.2	114	10- 3	2.5	39
YOUNKERMAN	BOBCAT III	48.3	112	10- 3	2.9	38
YOUNKERMAN	YSC 24	46.0	106	10- 3	2.5	39
-----	CENTURY	44.1	102	10- 4	2.4	41
-----	MEAD	40.7	94	10- 4	2.6	37
DEKALB	CX324	46.1	107	10- 4	2.9	42
GOLDEN HARVEST	H-1285	50.8	117	10- 4	3.0	40
HILL SEED	HS 2700	51.6	119	10- 4	2.7	40
HOEGEMEYER	205	48.2	111	10- 4	2.8	38
LAND O'LAKES	GO-42	48.7	113	10- 4	2.8	39
OHLDE	2193	47.5	110	10- 4	2.8	39
S-BRAND	S-47B	49.2	114	10- 4	2.4	40
S-BRAND	S-48C	49.8	115	10- 4	2.8	40
S-BRAND	S-49B	49.1	113	10- 4	3.1	42
WILSON BLEND	2505	46.5	107	10- 4	2.7	40
WILSON BLEND	2505R	49.4	114	10- 4	2.5	43
YOUNKERMAN	BOBCAT II	49.3	114	10- 4	2.7	39
-----	LOGAN	46.3	107	10- 5	2.9	46
-----	PELLA	45.0	104	10- 5	2.9	43
TRI VALLEY	BRAT II	52.0	120	10- 5	3.0	40
AVERAGE ALL ENTRIES		46.7	---	10- 1	2.5	40.0
DIF. REQ. FOR SIG. 5%		4.0	---	2.1	0.7	2.3
25%		2.3	---	1.2	0.4	1.4

Maturity data are from Clay County.

Yield in bushels per acre and % of Century, Mead and Pella.

This % should be used in making comparisons with late entries in this area.



TABLE 27. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY COUNTY. EARLY. 1985.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	WEBER	40.1	92	9-21	3.4	38
-----	BSR 101	48.9	112	9-24	1.6	40
NORTHRUP KING	S23-03	47.1	108	9-24	2.1	41
-----	CORSOY 79	45.3	104	9-26	3.6	43
-----	ELGIN	46.3	106	9-26	2.6	35
AGRIPRO	AP240	43.6	100	9-27	2.3	38
RIVERSIDE	4042	43.0	99	9-27	2.8	44
HILL SEED	EX 21	46.9	108	9-28	1.8	47
RIVERSIDE	404P	44.8	103	9-28	2.5	43
SANDS	SOI EXP. 256	47.6	109	9-28	1.5	37
-----	PLATTE	44.9	103	9-29	2.4	43
HILL SEED	EX 24	46.1	106	9-29	2.4	44
NORTHRUP KING	S27-10	46.5	107	9-29	2.3	37
-----	CENTURY 84	49.9	114	9-30	1.4	41
HOEGEMEYER	220	47.8	110	9-30	2.8	40
SANDS	SOI EXP. 229FT	49.8	114	9-30	2.2	42
RIVERSIDE	303C	49.8	114	10- 1	2.8	39
-----	HACK	51.2	117	10- 2	2.1	38
AGRIPRO	HP2530	49.2	113	10- 2	2.0	44
DEKALB	CX283	46.6	107	10- 2	3.0	41
FONTANELLE	5708	44.2	101	10- 2	2.7	42
OHLDE	2188	48.0	110	10- 2	2.6	38
SUPERIOR	SPB 308-T	49.2	113	10- 2	2.5	38
AGRIPRO	AP3023	48.4	111	10- 3	2.0	45
FUNK'S	G3239	48.0	110	10- 3	3.0	39
HORIZON	H-29	48.4	111	10- 3	3.1	39
LAND O'LAKES	LL0031	45.7	105	10- 3	2.6	39
LYNKS	8252	49.7	114	10- 3	2.7	39
MERSHMAN	CHEYENNE II	47.7	109	10- 3	2.8	41
OHLDE	2193A	51.6	118	10- 3	3.0	40
SANDS	SOI 229T	49.2	113	10- 3	2.7	39
STINE	2050T	49.6	114	10- 3	2.8	40
TRI VALLEY	BRADLEY	45.0	103	10- 3	2.5	37
TRI VALLEY	BRONCO	51.7	119	10- 3	2.4	40
YOUNKERMEN	BOBCAT III	50.0	115	10- 3	3.1	38
YOUNKERMEN	YSC 24	47.6	109	10- 3	2.7	39
-----	CENTURY	44.7	103	10- 4	2.9	41
-----	MEAD	42.2	97	10- 4	2.6	37
DEKALB	CX324	46.9	108	10- 4	2.9	43
GOLDEN HARVEST	H-1285	51.0	117	10- 4	3.0	39
HILL SEED	HS 2700	50.7	116	10- 4	2.9	40
HOEGEMEYER	205	49.7	114	10- 4	3.1	38
LAND O'LAKES	GO-42	49.7	114	10- 4	3.1	40
OHLDE	2193	49.5	114	10- 4	3.1	39
S-BRAND	S-47B	48.1	110	10- 4	2.3	39
S-BRAND	S-48C	51.4	118	10- 4	3.0	39
S-BRAND	S-49B	50.1	115	10- 4	2.8	41
WILSON BLEND	2505	47.2	108	10- 4	3.0	39
WILSON BLEND	2505R	49.0	112	10- 4	2.5	44
YOUNKERMEN	BOBCAT II	49.6	114	10- 4	2.8	37
-----	LOGAN	44.4	102	10- 5	2.9	46
-----	PELLA	43.9	101	10- 5	2.8	43
TRI VALLEY	BRAT II	50.1	115	10- 5	3.1	41
AVERAGE ALL ENTRIES		47.7	---	10- 4	3.0	39
DIF. REQ. FOR SIG. 5%		4.5	---	2.1	0.7	2.9
25%		2.6	---	1.2	0.4	1.7

Yield in bushels per acre and % of Century, Mead and Pella.

This % should be used in making comparisons with late entries in this area.

TABLE 28. SOUTH CENTRAL SOYBEAN PERFORMANCE. FRANKLIN COUNTY. EARLY. 1985.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	WEBER	40.4	94	9-21	2.1	37
-----	BSR 101	44.1	103	9-24	2.4	38
NORTHROP KING	S23-03	43.8	102	9-24	2.4	39
-----	CORSOY 79	43.8	102	9-26	3.4	42
-----	ELGIN	44.2	103	9-26	1.4	35
AGRIPRO	AP240	40.7	95	9-27	1.4	37
RIVERSIDE	4042	43.0	100	9-27	2.4	42
HILL SEED	EX 21	39.2	91	9-28	1.5	40
RIVERSIDE	404P	44.3	103	9-28	1.5	40
SANDS	SUI EXP. 256	39.3	92	9-28	1.8	34
-----	PLATTE	38.7	90	9-29	2.1	39
HILL SEED	EX 24	47.2	110	9-29	2.5	40
NORTHROP KING	S27-10	46.0	107	9-29	1.9	35
-----	CENTURY 84	43.0	100	9-30	1.1	39
HOEGEMEYER	220	48.2	112	9-30	2.6	38
SANDS	SUI EXP. 229FT	44.7	104	9-30	1.8	40
RIVERSIDE	303C	42.9	100	10- 1	3.0	40
-----	HACK	49.7	116	10- 2	1.0	37
AGRIPRO	HP2530	47.1	110	10- 2	2.8	42
DEKALB	CX283	46.7	109	10- 2	2.4	41
FONTANELLE	5708	41.4	97	10- 2	2.9	43
OHLDE	2188	42.9	100	10- 2	2.4	39
SUPERIOR	SPB 308-T	46.4	108	10- 2	2.5	38
AGRIPRO	AP3023	46.3	108	10- 3	2.6	43
FUNK'S	G3239	44.8	104	10- 3	2.5	40
HORIZON	H-29	48.9	114	10- 3	2.8	37
LAND O'LAKES	LL0031	48.4	113	10- 3	2.6	39
LYNKS	8252	43.5	101	10- 3	2.9	38
MEKSHMAN	CHEYENNE II	47.9	112	10- 3	2.0	39
OHLDE	2193A	48.9	114	10- 3	2.6	39
SANDS	SCI 229T	47.4	110	10- 3	2.3	38
STINE	2050T	47.1	110	10- 3	2.6	39
TRI VALLEY	BRADLEY	46.0	107	10- 3	3.0	39
TRI VALLEY	BRONCO	46.7	109	10- 3	2.6	38
YOUNKERMEN	BOBCAT III	46.6	109	10- 3	2.6	37
YOUNKERMEN	YSC 24	44.3	103	10- 3	2.3	38
-----	CENTURY	43.4	101	10- 4	1.9	40
-----	MEAD	39.2	91	10- 4	2.6	37
DEKALB	CX324	45.3	106	10- 4	2.9	41
GOLDEN HARVEST	H-1285	50.5	118	10- 4	2.9	40
HILL SEED	HS 2700	52.4	122	10- 4	2.5	40
HOEGEMEYER	205	46.7	109	10- 4	2.4	38
LAND O'LAKES	GO-42	47.6	111	10- 4	2.5	38
OHLDE	2193	45.4	106	10- 4	2.4	39
S-BRAND	S-47B	50.3	117	10- 4	2.5	40
S-BRAND	S-48C	48.2	112	10- 4	2.6	40
S-BRAND	S-49B	48.0	112	10- 4	3.3	42
WILSON BLEND	2505	45.7	107	10- 4	2.3	40
WILSON BLEND	2505R	49.8	116	10- 4	2.5	41
YOUNKERMEN	BOBCAT II	48.9	114	10- 4	2.6	40
-----	LUGAN	48.2	112	10- 5	2.9	46
-----	PELLA	46.1	107	10- 5	2.9	43
TRI VALLEY	BRAT II	53.8	125	10- 5	2.8	39
AVERAGE ALL ENTRIES		45.7	---	10- 1	2.4	39.3
DIF. REQ. FOR SIG. 5%		5.1	---	2.1	0.7	2.5
25%		3.0	---	1.2	0.4	1.4

Maturity data are from Clay County.

Yield in bushels per acre and % of Century, Mead and Pella.

This should be used in making comparisons with late entries in this area.



TABLE 29. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. EARLY. 1984-1985.

BRAND	ENTRY	YIELD		MATURE	LODGING	HEIGHT	SEEDS
		BU/A	%	DATE	SCORE	INCHES	POUND
2-YEAR AVERAGE							
-----	WEBER	43.9	91	9-17	2.0	32	3160
-----	CURSOY 79	46.5	97	9-20	2.5	36	2830
RIVERSIDE	4042	45.0	94	9-21	2.1	37	2660
-----	ELGIN	48.0	100	9-22	2.0	32	2660
AGRIPRO	AP240	46.5	97	9-22	1.7	33	2900
RIVERSIDE	303C	49.9	104	9-22	2.2	34	2430
RIVERSIDE	404P	47.2	98	9-22	1.7	35	2600
-----	PLATTE	46.5	97	9-24	1.8	35	2670
-----	CENTURY 84	49.1	102	9-25	1.2	34	2420
-----	HACK	50.9	106	9-25	1.3	32	2410
DEKALB	CX283	52.0	108	9-26	2.3	35	2510
MERSHMAN	CHEYENNE II	51.8	108	9-26	2.0	35	2790
STINE	2050T	52.9	110	9-26	2.2	34	2540
GOLDEN HARVEST	H-1285	54.7	114	9-27	2.2	35	2670
LAND O'LAKES	GO-42	52.7	110	9-27	2.4	35	2650
OHLDE	2193	50.1	104	9-27	2.1	34	2720
GHLDE	2193A	51.5	107	9-27	2.1	34	2490
TRI VALLEY	BRADLEY	49.9	104	9-27	2.3	34	2700
WILSON BLEND	2505	51.6	107	9-27	1.9	35	2650
WILSON BLEND	2505R	51.3	107	9-27	2.0	37	2500
YOUNKERMAN	BOBCAT II	52.9	110	9-27	2.1	34	2670
YOUNKERMAN	YSC 24	52.7	110	9-27	2.0	34	2480
-----	CENTURY	48.6	101	9-28	1.9	36	2400
-----	LOGAN	48.3	100	9-28	2.5	41	2340
-----	MEAD	47.6	99	9-28	2.1	34	2830
DEKALB	CX324	50.5	105	9-28	2.4	38	2780
FONTANELLE	5708	48.6	101	9-28	2.4	38	2750
HOEGEMEYER	205	51.9	108	9-28	2.2	34	2650
S-BRAND	S-48C	54.0	112	9-28	2.1	35	2490
-----	PELLA	47.7	99	9-29	2.2	39	2180
AVERAGE ALL ENTRIES		49.8	---	9-25	2.1	35.0	2618
DIF. REQ. FOR SIG. 5%		4.4	---	3.1	0.6	2.9	184
25%		2.5	---	1.8	0.4	1.7	107

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

Seeds pound: No 1985 data. Two-year are 1984.

TABLE 30. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. EARLY. 1981-1985.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
3-YEAR AVERAGE							
-----	WEBER	44.3	87	9-17	1.9	33	3470
-----	CORSOY 79	50.2	98	9-20	2.3	37	2970
AGRIPRO	AP240	47.2	92	9-20	1.8	34	3110
RIVERSIDE	4042	48.4	95	9-20	2.1	39	2900
-----	ELGIN	48.1	94	9-21	2.2	34	3000
RIVERSIDE	404P	49.0	96	9-21	1.5	34	2970
-----	PLATTE	46.4	91	9-22	1.8	36	3380
DEKALB	CX283	53.4	105	9-23	2.4	36	3050
WILSON BLEND	2505R	51.9	102	9-23	2.1	38	2850
OHLDE	2193	50.5	99	9-24	1.9	34	3140
STINE	2050T	53.2	104	9-24	2.1	34	2910
TRI VALLEY	BRADLEY	52.0	102	9-24	2.2	35	3050
YOUNKERMEN	BOBCAT II	53.2	104	9-24	2.0	35	3120
-----	CENTURY	52.2	102	9-25	1.7	37	2750
GOLDEN HARVEST	H-1285	57.4	112	9-25	2.0	37	3040
WILSON BLEND	2505	52.7	103	9-25	2.1	36	2970
-----	MEAD	50.0	98	9-26	1.9	35	3200
HOEGEMEYER	205	53.0	104	9-26	2.2	35	3020
YOUNKERMEN	YSC 24	54.0	106	9-26	1.8	35	2880
-----	LOGAN	50.6	99	9-27	2.5	44	2750
-----	PELLA	53.1	104	9-28	2.1	40	2540
AVERAGE ALL ENTRIES		51.0	---	9-23	2.0	36.1	3003
DIF. REQ. FOR SIG. 5%		4.8	---	3.8	N.S.	2.7	334
25%		2.8	---	2.2	0.3	1.6	189
4-YEAR AVERAGE							
-----	WEBER	43.7	88	9-20	2.0	34	3460
-----	CORSOY 79	49.2	99	9-21	2.1	37	2900
RIVERSIDE	4042	49.5	100	9-22	1.9	38	2830
AGRIPRO	AP240	47.0	95	9-23	1.7	33	2960
-----	PLATTE	45.9	93	9-24	1.6	36	3100
-----	CENTURY	51.4	104	9-26	1.6	36	2580
STINE	2050T	55.9	113	9-26	1.9	35	2740
TRI VALLEY	BRADLEY	52.2	105	9-26	2.2	35	2860
YOUNKERMEN	BOBCAT II	51.8	105	9-27	1.9	35	2940
-----	MEAD	47.6	96	9-28	1.9	34	3080
HOEGEMEYER	205	52.8	107	9-28	2.3	35	2850
AVERAGE ALL ENTRIES		49.7	---	9-25	1.9	35.3	2936
DIF. REQ. FOR SIG. 5%		5.1	---	2.8	0.4	2.6	330
25%		2.9	---	1.6	0.3	1.5	186
5-YEAR AVERAGE							
-----	WEBER	45.2	90	9-19	2.1	34	3300
-----	CORSOY 79	50.4	100	9-20	2.2	37	2840
-----	PLATTE	47.3	94	9-23	1.5	36	2980
-----	CENTURY	51.3	102	9-26	1.6	36	2560
-----	MEAD	49.5	98	9-28	1.7	33	2900
AVERAGE ALL ENTRIES		48.7	---	9-23	1.8	35.2	2916
DIF. REQ. FOR SIG. 5%		N.S.	---	3.2	0.5	2.6	401
25%		3.4	---	1.8	0.3	1.4	223

% yield based on average of Century, Mead and Pella (Woodworth prior to 1984).  
 Seeds pound: No 1985 data. Three-year are 1983-1984.



TABLE 31. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY AND FRANKLIN COUNTIES.  
LATE, 1985.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
ASGROW	A2943	43.7	111	10- 2	1.5	38
FUNK'S	G3341	39.2	99	10- 2	3.1	39
TERRA SEED	TB 232B	42.1	107	10- 2	2.9	39
-----	CENTURY	42.1	107	10- 3	2.7	40
-----	MEAD	35.2	89	10- 3	3.0	37
-----	FREMONT	39.0	100	10- 3	2.0	41
-----	ZANE	45.0	114	10- 3	2.2	40
HOEGEMEYER	375	43.5	110	10- 3	2.8	43
LAND O'LAKES	L3665	41.0	104	10- 3	3.0	41
LYNKS	8311	39.6	100	10- 3	3.0	42
MC CURDY	375B	43.4	110	10- 3	3.1	41
OHLDE	3193A	44.0	111	10- 3	2.7	42
RIVERSIDE	3033	42.3	107	10- 3	3.2	38
RUHM & HAAS	RA 303	40.2	102	10- 3	2.8	39
SUPERIOR	SPB 335	41.1	104	10- 3	3.0	43
TERRA SEED	TB 333B	42.3	107	10- 3	2.9	40
-----	HARPER	40.3	102	10- 4	2.8	36
-----	PELLA	41.1	104	10- 4	2.9	42
AGRIPRO	HP3033S	40.9	104	10- 4	2.6	39
HILL SEED	EX 29	40.9	104	10- 4	4.3	45
HILL SEED	HS 3000	41.3	105	10- 4	3.6	41
HORIZON	H-34	41.4	105	10- 4	2.9	42
LYNKS	8280	43.5	110	10- 4	3.0	38
OHLDE	3193	42.4	107	10- 4	3.0	42
S-BRAND	S-56A	41.1	104	10- 4	3.0	44
SANDS	SOI 353	45.1	114	10- 4	2.8	41
TRI VALLEY	CAPRI	41.1	104	10- 4	2.9	39
TRI VALLEY	CHARGER 85	41.7	106	10- 4	4.1	42
WILSON BLEND	3130	45.2	115	10- 4	3.1	43
WILSON BLEND	3230	43.6	110	10- 4	2.9	42
YOUNKERMANN	CUTLASS	40.6	103	10- 4	3.0	41
-----	HGB81T	46.5	118	10- 5	2.0	25
AGRIPRO	HP3440	38.3	97	10- 5	2.8	42
ASGROW	A3127	41.1	104	10- 5	2.0	37
HOEGEMEYER	384	42.0	106	10- 5	3.8	44
HORIZON	H-52	41.8	106	10- 5	3.8	44
LAND O'LAKES	LL0034	42.7	108	10- 5	3.1	41
LYNKS	8307	44.6	113	10- 5	3.1	41
NORTHROP KING	S30-31	42.1	107	10- 5	3.3	42
OHLDE	3230	46.5	118	10- 5	3.4	41
RIVERSIDE	202R	37.7	96	10- 5	3.8	42
S-BRAND	S-53A	41.3	105	10- 5	3.0	41
SANDS	SOI EXP. 352	35.2	89	10- 5	2.7	39
SANDS	SOI 335	40.7	103	10- 5	3.0	41
STINE	3500	43.1	109	10- 5	3.1	39
STINE	3560	39.7	101	10- 5	3.4	44
SUPERIOR	SPB 340	40.6	103	10- 5	3.2	40
TRI VALLEY	CHARGER	43.8	111	10- 5	3.8	45
WILSON BLEND	EXP 186	39.8	101	10- 5	3.9	43
YOUNKERMANN	CAMARG	44.5	113	10- 5	3.2	40
YOUNKERMANN	YSC 32	40.9	104	10- 5	3.1	41
-----	WINCHESTER	38.7	98	10- 6	3.1	41
ASGROW	A3427	40.4	102	10- 6	2.8	36
DEKALB	CX345	40.0	101	10- 6	2.3	40
DEKALB	CX380	36.7	93	10- 6	3.7	44
FUNK'S	1N0355	43.1	109	10- 6	3.4	42
GOLDEN HARVEST	X389	34.5	87	10- 6	3.9	46
MERSHMAN	EISENHOWER	39.4	100	10- 6	4.0	43
RIVERSIDE	2024	36.5	92	10- 6	4.2	47
RUHM & HAAS	R463	32.9	83	10- 6	3.6	45
S-BRAND	S-65	38.0	96	10- 6	3.5	42
-----	WILLIAMS 82	34.2	87	10- 7	3.7	44
COKER	393	29.0	73	10- 7	4.1	40
HILL SEED	EX 42	31.7	80	10- 7	4.3	45
AVERAGE ALL ENTRIES		40.7	---	10- 4	3.1	41.0
DIF. REQ. FOR SIG. 5%		5.4	---	1.2	0.8	2.3
25%		3.2	---	0.7	0.5	1.4

Maturity data are from Clay County.

Yield in bushels per acre and % of Century, Mead and Pella.

This % should be used in making comparisons with early entries in this area.

TABLE 32. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. CLAY COUNTY. LATE. 1985

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
ASGROW	A2943	44.5	118	10- 2	1.8	38
FUNK'S	G3341	40.5	108	10- 2	3.1	38
TERRA SEED	TB 232B	39.9	106	10- 2	3.4	39
-----	CENTURY	40.6	108	10- 3	3.4	40
-----	MEAD	33.9	90	10- 3	3.3	38
-----	FREMONT	37.4	100	10- 3	2.4	40
-----	ZANE	45.0	120	10- 3	2.3	39
HOEGEMEYER	375	42.8	114	10- 3	3.0	43
LAND O'LAKES	L3665	40.2	107	10- 3	3.0	40
LYNKS	8311	39.2	104	10- 3	3.0	42
MC CURDY	375B	41.9	112	10- 3	3.3	41
OHLDE	3193A	44.1	117	10- 3	2.9	41
RIVERSIDE	3033	40.7	108	10- 3	3.8	37
ROHM & HAAS	RA 303	37.3	99	10- 3	3.6	38
SUPERIOR	SPB 335	40.3	107	10- 3	3.1	42
TERRA SEED	TB 333B	38.2	102	10- 3	3.3	39
-----	HARPER	40.2	107	10- 4	3.0	35
-----	PELLA	38.2	102	10- 4	2.9	41
AGRIPRO	HP3033S	41.5	110	10- 4	2.9	38
HILL SEED	EX 29	40.0	106	10- 4	4.0	43
HILL SEED	HS 3000	42.1	112	10- 4	3.5	40
HORIZON	H-34	39.9	106	10- 4	3.1	41
LYNKS	8280	41.5	110	10- 4	3.5	37
OHLDE	3193	43.3	115	10- 4	3.0	42
S-BRAND	S-56A	41.2	110	10- 4	2.9	44
SANDS	SUI 353	44.3	118	10- 4	3.1	41
TRI VALLEY	CAPRI	35.0	93	10- 4	3.6	38
TRI VALLEY	CHARGER 85	38.7	103	10- 4	4.1	41
WILSON BLEND	3130	45.8	122	10- 4	2.8	41
WILSON BLEND	3230	44.4	118	10- 4	3.3	41
YOUNKERMANN	CUTLASS	40.1	107	10- 4	3.1	41
-----	HOBBIT	43.4	116	10- 5	2.3	25
AGRIPRO	HP3440	41.2	110	10- 5	2.5	42
ASGROW	A3127	40.7	108	10- 5	2.4	36
HOEGEMEYER	384	39.9	106	10- 5	3.8	44
HORIZON	H-52	43.7	116	10- 5	3.4	42
LAND O'LAKES	LL0034	39.8	106	10- 5	3.3	40
LYNKS	8307	42.0	112	10- 5	3.3	41
NORTHROP KING	S30-31	43.8	117	10- 5	3.1	41
OHLDE	3230	43.6	116	10- 5	3.3	40
RIVERSIDE	202R	35.3	94	10- 5	3.8	41
S-BRAND	S-53A	39.1	104	10- 5	3.4	40
SANDS	SUI EXP. 352	32.9	88	10- 5	2.8	37
SANDS	SUI 335	39.7	106	10- 5	3.4	41
STINE	3500	40.2	107	10- 5	3.8	39
STINE	3560	37.2	99	10- 5	3.4	43
SUPERIOR	SPB 340	38.6	103	10- 5	3.4	39
TRI VALLEY	CHARGER	44.3	118	10- 5	3.6	43
WILSON BLEND	EXP 186	37.0	98	10- 5	3.6	42
YOUNKERMANN	CAMARO	42.1	112	10- 5	3.5	39
YOUNKERMANN	YSC 32	39.1	104	10- 5	3.1	40
-----	WINCHESTER	41.1	109	10- 6	3.0	40
ASGROW	A3427	40.9	109	10- 6	2.9	36
DEKALB	CX345	41.5	110	10- 6	2.4	40
DEKALB	CX380	36.1	96	10- 6	3.5	41
FUNK'S	IN0355	44.0	117	10- 6	3.3	41
GOLDEN HARVEST	X389	34.0	91	10- 6	3.6	44
MERSHMAN	EISENHOWER	38.7	103	10- 6	3.9	41
RIVERSIDE	2024	37.9	101	10- 6	3.6	46
ROHM & HAAS	R463	29.8	79	10- 6	3.8	44
S-BRAND	S-65	39.5	105	10- 6	3.4	41
-----	WILLIAMS 82	33.9	90	10- 7	3.5	42
COKER	393	28.8	77	10- 7	4.1	38
HILL SEED	EX 42	29.6	79	10- 7	4.4	45
AVERAGE ALL ENTRIES		37.9	---	10- 4	3.3	40.2
DIF. REQ. FOR SIG. 5%		5.7	---	1.2	0.7	2.5
25%		3.3	---	0.7	0.4	1.4

Yield in bushels per acre and % of Century, Mead and Pella.

This % should be used in making comparisons with early entries in this area.



TABLE 33. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. FRANKLIN COUNTY. LATE. 1985

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
ASGROW	A2943	42.9	104	10- 2	1.1	37
FUNK'S	G3341	37.9	92	10- 2	3.0	40
TERRA SEED	TB 232B	44.3	107	10- 2	2.3	38
-----	CENTURY	43.5	105	10- 3	1.9	39
-----	MEAD	36.4	88	10- 3	2.6	36
-----	FREMONT	41.7	101	10- 3	1.6	41
-----	ZANE	44.9	109	10- 3	2.1	40
HOEGEMEYER	375	44.2	107	10- 3	2.5	42
LAND O'LAKES	L3665	41.8	101	10- 3	2.9	42
LYNKS	8311	40.0	97	10- 3	3.0	41
MC CURDY	375B	44.8	108	10- 3	2.8	40
OHLDE	3193A	43.9	106	10- 3	2.5	42
RIVERSIDE	3033	43.9	106	10- 3	2.6	39
ROHM & HAAS	RA 303	43.0	104	10- 3	2.0	40
SUPERIOR	SPB 335	41.9	101	10- 3	2.9	44
TERRA SEED	TB 333B	46.3	112	10- 3	2.5	40
-----	HARPER	40.4	98	10- 4	2.5	37
-----	PELLA	44.0	107	10- 4	2.9	43
AGRIPRO	HP3033S	40.3	98	10- 4	2.3	40
HILL SEED	EX 29	41.7	101	10- 4	4.5	46
HILL SEED	HS 3000	40.4	98	10- 4	3.6	42
HORIZON	H-34	42.9	104	10- 4	2.6	42
LYNKS	8280	45.5	110	10- 4	2.4	39
OHLDE	3193	41.4	100	10- 4	3.0	42
S-BRAND	S-56A	41.0	99	10- 4	3.0	43
SANDS	SOI 353	45.9	111	10- 4	2.4	40
TRI VALLEY	CAPRI	47.1	114	10- 4	2.1	40
TRI VALLEY	CHARGER 85	44.6	108	10- 4	4.1	43
WILSON BLEND	3130	44.6	108	10- 4	3.4	44
WILSON BLEND	3230	42.8	104	10- 4	2.5	42
YOUNKERMEN	CUTLASS	41.1	100	10- 4	2.9	41
-----	HOBBIT	49.5	120	10- 5	1.6	25
AGRIPRO	HP3440	35.4	86	10- 5	3.1	41
ASGROW	A3127	41.4	100	10- 5	1.5	38
HOEGEMEYER	384	44.1	107	10- 5	3.8	43
HORIZON	H-52	39.8	96	10- 5	4.1	45
LAND O'LAKES	LL0034	45.6	110	10- 5	2.8	41
LYNKS	8307	47.1	114	10- 5	2.9	41
NORTHRUP KING	S30-31	40.3	98	10- 5	3.4	42
OHLDE	3230	49.4	120	10- 5	3.4	42
RIVERSIDE	202R	40.1	97	10- 5	3.8	42
S-BRAND	S-53A	43.5	105	10- 5	2.5	41
SANDS	SOI EXP. 352	37.5	91	10- 5	2.5	40
SANDS	SOI 335	41.6	101	10- 5	2.6	41
STINE	3500	45.9	111	10- 5	2.4	39
STINE	3560	42.2	102	10- 5	3.3	44
SUPERIOR	SPB 340	42.5	103	10- 5	2.9	40
TRI VALLEY	CHARGER	43.3	105	10- 5	4.0	47
WILSON BLEND	EXP 186	42.6	103	10- 5	4.1	44
YOUNKERMEN	CAMARU	46.8	113	10- 5	2.8	40
YOUNKERMEN	YSC 32	42.7	103	10- 5	3.1	41
-----	WINCHESTER	36.2	88	10- 6	3.1	42
ASGROW	A3427	39.9	97	10- 6	2.6	36
DEKALB	CX345	38.5	93	10- 6	2.1	40
DEKALB	CX380	37.3	90	10- 6	3.9	46
FUNK'S	1N0355	42.2	102	10- 6	3.4	42
GOLDEN HARVEST	X389	35.0	85	10- 6	4.1	47
MERSHMAN	EISENHOWER	40.1	97	10- 6	4.1	45
RIVERSIDE	2024	35.0	85	10- 6	4.8	47
ROHM & HAAS	R463	36.0	87	10- 6	3.4	46
S-BRAND	S-65	36.5	88	10- 6	3.6	43
-----	WILLIAMS 82	34.4	83	10- 7	3.9	46
COKER	393	29.1	70	10- 7	4.1	42
HILL SEED	EX 42	33.7	82	10- 7	4.1	44
AVERAGE ALL ENTRIES		41.6	---	10- 4	3.0	41.4
DIF. REQ. FOR SIG.	5%	5.3	---	1.2	0.7	2.7
	25%	3.1	---	0.7	0.4	1.6

Maturity data are from Clay County.

Yield in bushels per acre and % of Century, Mead and Pella.

This % should be used in making comparisons with early entries in this area.

TABLE 34. SOUTH CENTRAL IRRIGATED SOYBEAN. PERFORMANCE. LATE. 1984-1985.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
2-YEAR AVERAGE							
-----	CENTURY	48.3	104	9-28	2.0	35	2370
ASGROW	A2943	48.9	105	9-28	1.2	34	2680
LYNKS	8280	50.6	109	9-28	2.2	34	2650
RIVERSIDE	3033	50.2	108	9-28	2.3	34	2650
-----	FREMONT	47.0	101	9-29	1.5	37	2550
-----	MEAD	44.9	96	9-29	2.2	34	2820
-----	ZANE	52.6	113	9-29	1.7	36	2170
LYNKS	8311	49.2	106	9-29	2.3	39	2670
OHLDE	3193A	50.6	109	9-29	1.9	37	2700
TRI VALLEY	CAPRI	49.4	106	9-29	2.2	34	2690
WILSON BLEND	3130	52.3	112	9-29	2.4	39	2580
ASGROW	A3127	49.2	106	9-30	1.5	35	2940
HILL SEED	HS 3000	50.4	108	9-30	2.9	39	2640
LAND O'LAKES	L3665	50.5	108	9-30	2.4	38	2680
MC CURDY	375B	51.1	110	9-30	2.3	38	2690
OHLDE	3193	50.1	108	9-30	2.3	38	2680
S-BRAND	S-56A	49.8	107	9-30	2.4	40	2760
STINE	3500	50.5	108	9-30	2.3	35	2230
TRI VALLEY	CHARGER	51.9	111	9-30	3.2	41	2520
YOUNKERMEN	CUTLASS	49.2	106	9-30	2.4	38	2760
YOUNKERMEN	YSC 32	49.6	106	9-30	2.3	37	2750
-----	HARPER	47.8	103	10- 1	2.2	33	2290
-----	HOBBIT	49.6	106	10- 1	1.5	23	2670
-----	PELLA	48.4	104	10- 1	2.2	39	2150
HOEGEMEYER	384	50.1	108	10- 2	3.1	41	2630
HORIZON	H-52	52.2	112	10- 2	2.9	41	2570
-----	WINCHESTER	46.1	99	10- 3	2.5	39	2300
RIVERSIDE	2024	47.3	102	10- 3	3.4	44	2780
-----	WILLIAMS 82	44.1	95	10- 4	3.0	41	2650
DEKALB	CX380	46.3	99	10- 4	2.8	42	2550
MERSHMAN	EISENHOWER	48.6	104	10- 4	3.3	41	2520
AVERAGE ALL ENTRIES		49.3	---	9-30	2.3	37.3	2590
DIF. REQ. FOR SIG. 5%		N.S.	---	2.7	0.5	2.4	151
25%		2.6	---	1.6	0.3	1.4	88

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

Seeds pound: No 1985 data. Two-year are 1984.



TABLE 35. SOUTH CENTRAL IRRIGATED SOYBEAN PERFORMANCE. LATE. 1981-1985.

BRAND	ENTRY	YIELD		MATURE	LODGING	HEIGHT	SEEDS
		BU/A	%	DATE	SCORE	INCHES	POUND
3-YEAR AVERAGE							
-----	CENTURY	49.3	102	9-25	1.7	34	2540
ASGROW	A2943	51.0	106	9-25	1.2	33	2750
RIVERSIDE	3033	50.2	104	9-25	2.0	33	2820
TRI VALLEY	CAPRI	49.0	102	9-26	1.9	33	2880
-----	MEAD	47.2	98	9-27	1.9	33	2880
ASGROW	A3127	52.9	110	9-27	1.5	34	3110
WILSON BLEND	3130	51.0	106	9-27	2.3	39	2680
MC CURDY	375B	53.2	110	9-28	2.2	37	2800
S-BRAND	S-56A	52.8	109	9-28	2.4	39	2840
-----	PELLA	51.2	106	9-29	1.9	38	2290
HORIZON	H-52	52.3	108	9-29	2.6	40	2800
TRI VALLEY	CHARGER	52.1	108	9-29	2.9	41	2810
YOUNKERMEN	CUTLASS	50.7	105	9-29	2.4	39	2860
YOUNKERMEN	YSC 32	50.9	105	9-29	2.1	37	2900
-----	HARPER	49.3	102	9-30	1.9	34	2380
-----	HOBBIT	50.1	104	9-30	1.3	23	2780
HOEGEMEYER	384	50.5	105	9-30	2.8	41	2740
-----	WINCHESTER	49.3	102	10- 1	2.2	38	2510
RIVERSIDE	2024	47.7	99	10- 1	3.0	43	2960
-----	WILLIAMS 82	46.5	96	10- 2	2.6	42	2830
AVERAGE ALL ENTRIES		50.4	---	9-28	2.1	36.6	2758
DIF. REQ. FOR SIG. 5%		N.S.	---	2.4	0.4	2.1	175
25%		N.S.	---	1.4	0.2	1.2	100
4-YEAR AVERAGE							
-----	CENTURY	49.1	101	9-27	1.6	34	2440
RIVERSIDE	3033	51.9	107	9-28	1.9	34	2670
-----	MEAD	47.8	99	9-29	1.7	33	2810
TRI VALLEY	CAPRI	51.6	107	9-29	1.8	34	2750
MC CURDY	375B	53.0	109	9-30	2.2	37	2670
WILSON BLEND	3130	51.9	107	9-30	2.2	40	2610
-----	PELLA	51.9	107	10- 1	1.8	38	2260
S-BRAND	S-56A	53.9	111	10- 1	2.2	39	2750
YOUNKERMEN	CUTLASS	51.6	107	10- 1	2.3	39	2780
HOEGEMEYER	384	51.6	107	10- 2	2.6	40	2640
HORIZON	H-52	52.7	109	10- 2	2.4	40	2670
TRI VALLEY	CHARGER	53.2	110	10- 2	2.7	40	2710
-----	HOBBIT	49.8	103	10- 3	1.2	24	2680
-----	WILLIAMS 82	47.3	98	10- 4	2.4	40	2690
RIVERSIDE	2024	49.2	102	10- 4	2.8	43	2840
AVERAGE ALL ENTRIES		51.1	---	10- 1	2.1	37.0	2665
DIF. REQ. FOR SIG. 5%		4.0	---	2.0	0.3	2.5	138
25%		2.3	---	1.1	0.2	1.5	79
5-YEAR AVERAGE							
-----	CENTURY	49.5	100	9-27	1.6	34	2450
-----	MEAD	49.7	100	9-29	1.5	33	2700
-----	PELLA	52.5	106	10- 1	2.0	38	2180
-----	HOBBIT	51.2	103	10- 2	1.2	23	2550
-----	WILLIAMS 82	49.9	101	10- 4	2.4	39	2540
AVERAGE ALL ENTRIES		50.6	---	10- 1	1.7	33.4	2484
DIF. REQ. FOR SIG. 5%		N.S.	---	1.7	0.5	3.2	224
25%		N.S.	---	1.0	0.3	1.8	124

% yield based on average of Century, Mead and Pella (Woodworth prior to 1984).  
 Seeds pound: No 1985 data. Three-year are 1983-1984, etc.

Table 36. West Central Irrigated soybean performance. 1985.

Entry	Lincoln County		Custer County		Average 2 tests	
	Yield bu/A	Gms/100 seeds	Yield bu/A	Gms/100 seeds	Yield bu/A	Gms/100 seeds
Weber	55.9	15.1	54.6	15.0	55.3	15.1
BSR 101	54.8	18.8	53.8	18.5	54.3	18.7
Corsoy 79	53.7	17.2	50.5	16.6	52.1	16.9
Elgin	68.5	19.3	55.5	20.1	62.0	19.7
Platte	57.1	17.2	50.2	16.6	53.7	16.9
Hack	56.8	17.9	51.3	17.6	54.1	17.8
Century 84	55.4	17.7	49.8	17.8	52.6	17.8
Fremont	53.8	18.2	44.5	17.1	49.2	17.7
Mead	57.6	15.2	43.8	14.5	50.7	14.9
Logan	51.9	19.2	41.3	18.5	46.6	18.9
Dif. req. sig. 5%	N.S.	1.5	3.6	1.1	7.3	0.7
25%	N.S.	0.9	2.0	0.6	4.0	0.4

Listed in order of maturity observed in Clay County. 1985.



Table 37. West Central irrigated soybean performance. 1979-1985.

Entry	Grain yield bu/A									1981-85 average	
	1979	1980	1981	1982	1983	1984	1985	1984-85 average	1981-85 average	Height inches	Grams/100 seeds
Weber	54.6	52.3	41.1	44.6	47.8	52.6	55.3	54.0	48.3	35	12.6
BSR 101	----	----	----	----	----	----	54.3	----	----	--	----
Corsoy 79	----	----	42.0	46.1	49.3	53.1	52.1	52.6	48.5	37	13.9
Elgin	----	----	----	----	----	45.2	62.0	53.6	----	--	----
Platte	----	----	40.6	42.8	44.8	49.8	53.7	51.8	46.3	37	13.7
Hack	----	----	----	----	----	----	54.1	----	----	--	----
Century 84 <sup>1/</sup>	----	----	40.4	43.5	41.4	45.9	52.6	49.3	44.8	38	15.3
Fremont	----	----	----	----	----	50.5	49.2	49.9	----	--	----
Mead	----	53.9	41.1	40.1	37.1	46.2	50.7	48.5	43.0	35	13.0
Logan	----	----	----	----	----	55.6	46.6	51.1	----	--	----
Pella	----	----	----	----	38.7	42.2	----	----	----	--	----
Will	----	----	37.0	38.2	33.2	----	----	----	----	--	----
Harper	----	----	----	----	----	49.3	----	----	----	--	----
Dif. req. sig. 5%	5.1	9.1	N.S.	N.S.	5.6	5.4	7.3	N.S.	2.8	2.4	0.6
25%	2.9	5.2	N.S.	3.2	3.2	3.1	4.0	N.S.	1.6	1.3	0.4

<sup>1/</sup>Century previous to 1985.

Listed in order of maturity observed in Clay County. 1985.

Height: no data 1985.

Location of tests (counties): 1979 Dawson, 1980 McPherson, 1981-1984 Perkins, 1985 Lincoln and Custer.



# AGRICULTURAL RESEARCH AND EXTENSION FOR ALL OF NEBRASKA

PANHANDLE RESEARCH AND  
EXTENSION CENTER, SCOTTSBLUFF

Gudmundsen Sandhills Lab, Whitman

NORTHEAST RESEARCH AND  
EXTENSION CENTER, CONCORD

Northwest Ag. Lab., Alliance

Foundation Seed Farm, Genoa

AGRICULTURAL  
RESEARCH AND  
DEVELOPMENT  
CENTER, MEAD

Horning  
Forestry Farm,  
Plattsmouth

High Plains Ag Lab., Sidney

EAST CAMPUS,  
UNIVERSITY OF NEBRASKA  
LINCOLN

Dalbey-Halleck Research  
Farm, Virginia

WEST CENTRAL RESEARCH AND EXTENSION  
CENTER, NORTH PLATTE

SOUTH CENTRAL RESEARCH AND  
EXTENSION CENTER  
AND  
U. S. MEAT ANIMAL RESEARCH  
CENTER, CLAY CENTER

The Agricultural Research Division of the Institute of Agriculture and Natural Resources is responsible for studies to broaden our basis of knowledge for agricultural production. Research centers and field laboratories provide applied information for development of Nebraska's largest industry — agriculture.

The Cooperative Extension Service transmits data and provides interpretation to users through Extension Agents and Specialists. Extension Agents may be contacted through 85 local Extension offices for additional information 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 less than 15 to more than 35 inches per year, and the soil types vary from sands to heavy clays. The research and extension programs thus are broad in subject matter and geography, resulting in the need for various centers, satellite locations, and local offices.