

1986

EC86-104 Nebraska Soybean Variety Tests 1986

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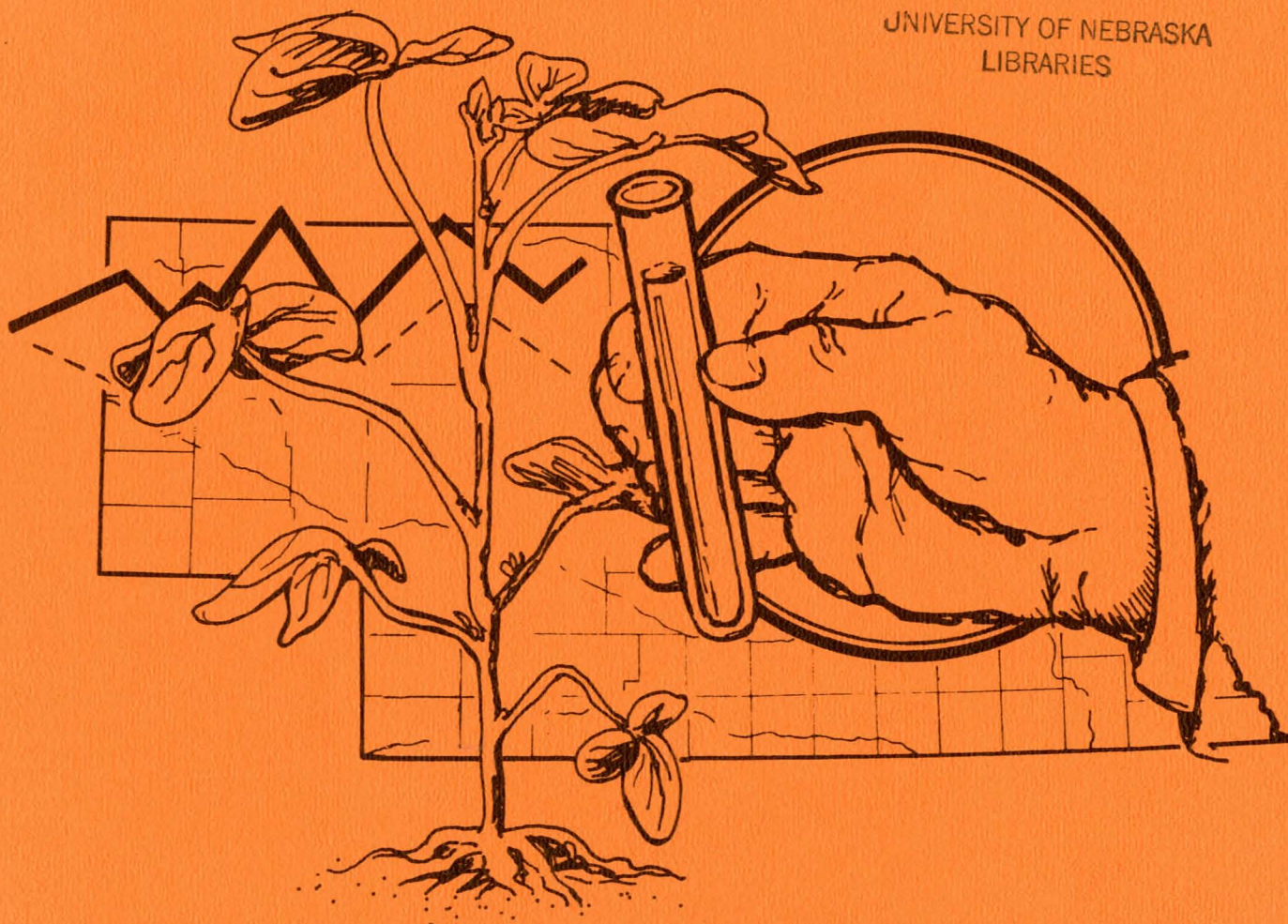
NEBRASKA SOYBEAN VARIETY TESTS

1986

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NEBRASKA SOYBEAN PRODUCTION

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

Year	Harvested acres (ha) 000	Average yield bushels (kg/ha)	Production Bushels (metric tons) 000
1940	4 (2)	14.0 (942)	56 (2)
1950	50 (20)	24.0 (1614)	1,200 (33)
1955	180 (73)	10.5 (706)	1,890 (51)
1956	146 (59)	11.5 (773)	1,679 (46)
1957	142 (58)	26.0 (1749)	3,692 (101)
1958	206 (83)	29.0 (1951)	5,974 (163)
1959	146 (59)	24.0 (1614)	3,504 (95)
1960	164 (66)	28.0 (1883)	4,592 (125)
1961	292 (118)	25.5 (1715)	7,446 (203)
1962	310 (126)	27.0 (1816)	8,370 (228)
1963	356 (144)	28.5 (1917)	10,146 (276)
1964	523 (212)	22.0 (1480)	11,506 (313)
1965	696 (282)	23.5 (1581)	16,356 (446)
1966	745 (302)	29.5 (1984)	21,978 (599)
1967	782 (317)	22.5 (1513)	17,595 (479)
1968	782 (317)	23.5 (1581)	18,377 (501)
1969	766 (310)	33.5 (2253)	25,661 (699)
1970	812 (329)	22.0 (1480)	17,864 (487)
1971	609 (247)	25.0 (1682)	15,225 (415)
1972	746 (302)	33.0 (2220)	24,618 (671)
1973	1,210 (490)	30.0 (2018)	36,300 (989)
1974	1,190 (482)	24.0 (1614)	28,560 (778)
1975	1,200 (486)	27.0 (1816)	32,400 (883)
1976	980 (397)	20.0 (1345)	19,600 (534)
1977	1,300 (458)	36.0 (2421)	40,680 (1108)
1978	1,250 (506)	34.0 (2287)	42,500 (1158)
1979	1,610 (652)	34.0 (2287)	54,740 (1491)
1980	1,770 (717)	30.0 (2018)	53,100 (1446)
1981	2,070 (838)	38.0 (2566)	78,660 (2143)
1982	2,250 (911)	35.0 (2354)	78,750 (2146)
1983	2,070 (838)	28.5 (1917)	58,995 (1607)
1984	2,550 (1033)	26.0 (1748)	66,300 (1804)
1985	2,360 (956)	36.0 (2421)	84,960 (2312)
1986 ¹	2,540 (992)	39.0 (2623)	95,550 (2600)

¹ November 1 estimate.

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AUTHORS

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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. Soybean check-off grants also support variety trials conducted by the Soybean Breeding Project and sprinkler irrigation experiments established by the West Central Research and Extension Center. 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.

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

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EXTENSION CIRCULAR

86-104

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NEBRASKA SOYBEAN VARIETY TESTS 1986

Nebraska set new record yield and total production records in 1986. Yields were higher than last year in all portions of the state.

The crop was planted ahead of normal. On June 1, planting was 70% complete. Average for this date is 50% planted. Crop progress was good all summer. Killing frost was not general until mid-October. Wet weather caused harvest delays and lowered seed quality.

PROCEDURE

Data were obtained from 17 trials at 9 locations. (Table 1). Publicly released entries were included at all sites. Privately developed varieties or blends were included in trials at all locations except Lincoln (Lancaster County).

Privately developed varieties were selected by the seed producer except for tests at Mead and in West Central Nebraska. At many locations, 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 usually 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, Hoyt and Ripley were 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. Seeds per pound = 453.6×100 grams per 100 seeds. Because of time constraints, seed weights are not reported for 1986 experiments at many locations. Where these data appear in period-of-years averages, they are for years preceding 1986.

PERFORMANCE

Entries generally 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 1986 seed size data are not complete.

Table 1. Locations. Nebraska Soybean Performance Tests. 1986.

Location and Cooperator	Soil Type	Test	Planted	Harvested	Average yield bu/A	Mat-yield correlation r
Northeast						
Cedar County	Moody sity clay loam	Early	June 2	Oct. 16	41.5	0.41**
Northeast Res. & Ext. Center		Late	June 2	Oct. 17	43.7	0.07
East Central						
Washington County	Monona silt loam	Early	May 21	Oct. 20	64.8	-0.07
Brent Arp, Blair		Late	May 21	Oct. 21	64.4	-0.05
Mead						
Saunders County	Sharpsburg si. cl. l.	Elite dry	May 23	Oct. 7	54.2	-0.06
Agricultural Res. & Dev. Center		Elite irr.	May 22	Oct. 16	52.8	0.19
		Public dry	May 22	Oct. 13	51.6	0.16
		Public irr.	May 22	Oct. 21	52.5	0.38
Lincoln						
Lancaster County	Kennebec silt loam	Public	June 2	Oct. 30	52.9	0.17
Agronomy Farm						
Southeast						
Nemaha County	Zook-Wabash clay loam	Early	May 8	Oct. 8	57.2	0.37**
Gauchat Farms, Brock		Late	May 8	Oct. 8	60.2	-0.49
South Central Irrigated						
Clay County	Hastings silt loam	Early	May 13	Oct. 8	57.3	0.21
South Central Res. & Ext. Center		Late	May 13	Oct. 17	54.2	-0.24
Buffalo County	Hord silt loam	Early irr.	May 22	Oct. 29	66.5	0.44**
Dick Prascher, Riverdale		Late irr.	May 22	Oct. 30	65.0	-0.22
West Central Irrigated						
Frontier County	Hord. silt loam	----	May 23	Oct. 6	63.9	----
Jim Allen, Indianola						
Lincoln County	Cozad silt loam	----	June 9	Sept. 28	62.1	----
West Central Res. & Ext. Center						

** highly significant (1% level). Correlation of date mature with yield.

Table 2. Entrants. Nebraska Soybean Performance Tests. 1986.

Brand	Entrant	Address
-----	Agricultural Research Div., UNL	Lincoln, NE 68583
AgriPro	AgriPro	Ames, IA 50010
Arrow Seed	Arrow Seed Company	Broken Bow, NE 68822
Asgrow	Asgrow Seed Company	Kalamazoo, MI 49001
Custom Farm Seed	Custom Farm Seed	Momence, IL 60954
De Soy	Dale Ewing Farm Seed	Jewell, IA 50130
DeKalb-Pfizer	DeKalb-Pfizer Genetics	DeKalb, IL 60115
D.S.G.R.	Diamond Brand Seed Co., Inc.	Carroll, IA 51401
Diamond Brand	Schettler Seeds, Inc.	Carroll, IA 51401
Fontanelle	Fontanelle Hybrids	Nickerson, NE 68044
Funk	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	Hogemeyer Hybrids	Hooper, NE 68031
Hofler	Hofler Seed Co.	Nora Springs, IA 50408
Horizon	Horizon Seeds, Inc.	Lincoln, NE 68501
Hy-Vigor	Hy-Vigor Seeds, Inc.	Paullina, IA 51046
Jacobsen	Jacobsen Hybrid Corn Co., Inc.	Lake View, IA 51450
Jacques	Jacques Seed Company	Prescott, WI 54021
Kaup Seed	Kaup Seed and Fertilizer	West Point, NE 68788
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
Mershman	Mershman, Inc.	West Point, IA 52656
Midwest Oilseeds	Midwest Oilseeds	Adel, IA 50003
Northrup King	Northrup King Co.	Minneapolis, MN 55440
Ohlde	Ohlde Seed Farms	Palmer, KS 66962
Ottillie	Ottillie Ro Seed	Marshalltown, IA 50158
Prairie Brand	Prairie Brand	Story City, IA 50248
Pride	Pride Company, Inc.	Glen Haven, WI 53810
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 Company	Harlan, IA 51537
Sand	Sand Seed Service, Inc.	Marcus, IA 51035
SeedTec	SeedTec International	Fargo, ND 58105
Siler Seed	Siler Seed	Weston, MO 64098

Continued

Table 2. Concluded.

SRF	Soybean Research Foundation	Mason City, IL 62664
Stine	Stine Seed Farm, Inc.	Adel, IA 50003
Strayer	Strayer Seed Farms	Hudson, IA 50643
Terra Seed	Terra Seed Company	Sioux City, IA 51101
Tri Valley	Tri Valley Seed	Council Bluffs, IA 51501
Wilson Blend	Wilson Hybrids, Inc.	Harlan, IA 51537
Youkerman	Youkerman Seed Co.	Council Bluffs, IA 51501

Table 3. Entries. Nebraska Soybean Performance Tests. 1986.

Brand	Entries ¹
-----	BSR 101 (P), Century 84 (P), Chamberlain (P), Corsoy 79 (P), Elgin (P), Farmer Entry (P), Fremont (P), Gnome 85 (P), Hack (P), Harper (P), Hobbit (P), Hoyt (P), Logan (P), Pella (P), Pella 86 (P), Pixie (P), Platte (P), Ripley (P), Sherman (P), Sparks (P), Weber 84 (P), Williams 82 (P), Winchester (P), Zane (P), U80-64032 (P), U80-68130 (P).
AgriPro	AP2190 (P), AP3023 (P), AP3132 (P), AP350 (P), AP3773 (P), EX3988 (P), GT1380 (P), HP2530 (P), HP3440 (P).
Arrow Seed	AS-2610 (P), AS-2650 (P), AS-2675 (P).
Asgrow	A1937 (P), A2187 (P), A2522 (P), A2575, A2943 (P), A3127 (P), A3427 (P), A3733 (P), A3803 (P).
Custom Farm Seed	CFS 23 (P), CFS 32 (P).
De Soy	330 (B1), 555R (B1), 595 (B1), 660 (B1), 695 (B1), 750R (B1), 797 (B1), 818 (B1), 888 (B1), 919R (B1), 950 (B1).
DeKalb-Pfizer	CX264 (P), CX283 (P), CX324, CX326 (P), CX345 (P), CX366 (P), CX415 (P).
D.S.G.R.	D 220B (P), D 280B (B1), D 290 (P), DX 85-301 (P).
Diamond Brand	D201 (P), D220B (B1), D245 (P), D280B (B1), D315 (P), D320B (B1), TC204A (P).
Fontanelle	4250 (P), 4545 (P), 5001, 5250, 5708 (P), 6161 (P), 6464 (P), 6540 (P).
Funk	1N0355 (P), 1N0639 (P), 1N1059 (P), 1J194Z (P), 12277 (P), G3232 (P), G3239 (B1), G3341 (B1), G3399 (B1).
Golden Harvest	X306 (P), H-1233 (P), H-1285 (P).
Hill Seed	HS2275 (B1), HS2400 (B1), HS2700 (P), HS2850 (P), HS3200 (P), HS3400 (P).
Hoegemeyer	200 (P), 205 (P), 208 (P), 220 (P), 345 (P), 375 (P), 384 (P), 390 (P).
Hofler	Coral (P), Crystal (P), Jasper (P), Jewell (P), Quartz (P), Ruby (P), Sunstone (P).
Horizon	H-21 (P), H-25 (P), H-29 (P), H-34 (P), H-52 (P).
Hy-Vigor	Derby 9 (P), EX 2903 (P), EX 3909 (P), Ex Hyland II (P), Hylander (P), 10-40B (P), 3903 (P), 40-10 (B1), 901 (B1).
Jacobsen	Big Red II (P), J721 (P), J823 (P).
Jacques	E8633 (P), J-130, J-231 (P), J-271 (P).
Kaup Seed	KS-2610 (P), KS-2690 (P), KS-3555 (P).
Kruger	KB160 (B1), KB220A (B1), KB230 (B1), KB254A (B1), KB330A (B1), KB367 (B1), K2195 (P), K3010 (P), K3035S (P).

Continued

Table 3. Concluded.

Land O'Lakes	EX 2200 (B1), EX 3100 (P), GO 42 (B1), L 3444 (P), L 3665 (P).
Latham	1010 (P), 851 (B1).
Lewis	300 (P), 34 (P).
Lincoln Seed	LS7138 (P), LS7221 (P), LS7224 (P), LS7225 (P), LS7231 (P).
Lynks Seeds	8202 (P), 8252 (P), 8280 (P), 8307 (P), 8311 (P), 8380 (P), 8393 (P).
McCubbin	EX-40514 (P), EX-60518 (P), Osage (P), Reno (P), Taylor (P), Troy (P).
McCurdy	S440 (P), 102+ (B1), 260B (B1), 375B (B1).
Merschman	Cheyenne II (P), Cheyenne III (P), Eisenhower (P), Kennedy II (P), Truman II (P), Washington VI (P).
Midwest Oilseeds	2790 (B1), 2810 (P), 2820 (P), 2840 (P), 2880 (P), 3500 (P).
NC+	2D90+.
Northrup King	23-03 (P), 23-12, 27-10 (P), 30-31 (P), 39-99 (P), 42-30.
Ohlde	2180 (P), 2193 (P), 2193A (B1), 3193 (P), 3230 (P), 3431 (P).
Ottillie	R07500.
Pioneer	1677.
Prairie Brand	PB103A, PB223 (P), PB345 (P), Zenith II (P).
Pride	B236 (P), B242 (P), X630 (P), 316 Brand (B1).
Profiseed	PS1138 (P), PS1152 (P).
Riverside	3033 (P).
Rohm & Haas	RA 303 (P), 6592 (P).
S-Brand	S-42A (P), S-44A (P), S-44C (P), S-45D+ (P), S-46F (P), S-47B (P), S-48C (B1), S-48D (P), S-49B (P), S-53A (B1), S-56A, S-60H (P), S-62 (P), S-67 (P).
Sands	SOI EXP 266A (P), SOI EXP 268 (P), SOI EXP 269 (P), SOI EXP 359A (P), SOI EXP 369 (P), SOI 226 (P), SOI 226FT (B1), SOI 229 (P), SOI 229FT (B1), SOI 254 (P), SOI 266 (P), SOI 267 (P), SOI 337 (P), SOI 353 (P), SOI 359 (P).
Seedtec	EX450B (B1), EX501 (P).
Siler Seed	SS-325 (P), SS-335 (P).
SRF	EXP 256 (P), EXP 360 (P), EXP 363 (P), EXP 368 (P), 220P (P).
Stine	2220, 2510 (P), 2620 (B1), 2675 (B1), 2750 (P), 2770 (P), 3102 (B1), 3610 (B1), 3700 (P), 3790 (P), 3860 (B1).
Strayer	EXP 1906 (B1), EXP 2826 (P), 2233 (P), 2242 (P), 2316 (P), 3114 (P), 3134 (P), 3316 (P), 3416 (P).
Terra Seed	Advance (P), Decathlon (P), EXP 330 (P), EXP 450 (P), Hurdle (P), Marathon (P), Sprint (P), Olympian (P).
Tri Valley	Blazer (P), Blazer II (P), Blazer 86 (P), Bradley (P), Brat (P), Brat II (P), Bronco (P), Bronco II (P), Cavalier (P), Charger (P), Charger 85 (P), Colt (P), Corvette (B1), TV-22 (B1), TV-25 (B1).
Wilson Blend	EXP 8620 (P), EXP 8636 (P), 2145 (B1), 2505 (P), 2505R (B1), 3130 (B1), 3182 (P), 3230 (P), 3182 (P), 3230 (P), 3560 (P).
Younkerman	Alpine (P), Bobcat II (P), Bobcat III (P), Bonneville (P), Camaro (P), Caprice (P), Champ (P), Cougar (B1), YSC-20 (B1), YSC-24 (B1), YSC-30 (B1), YSC-32 (B1), YSC-42 (B1).

¹ Letters in () indicate: (P) pure lines; (B1) blend. These are not part of variety name.

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 sixth 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 1986 data from Cedar County are shown in Tables 5 and 8. Beans at this location grew relatively short with no lodging. Yields were only average and plot variability was low. Later maturity was correlated with higher yield only in the early trial. Period-of-years data are shown in Tables 6, 7, 9 and 10. The 1982-1985 tests were in Dixon County.

East Central

Growing conditions were excellent and high yields were produced (Tables 11 and 14). Wet weather during ripening delayed maturity of later entries. There was no relationship between maturity and grain yield.

Mead and Lincoln

Trials at these two locations were conducted by the Soybean Breeding Project of the Department of Agronomy. Several types of trials were involved.

The "Elite" irrigated and dryland test entries were selected by the test director. Invitations to submit proprietary entries was based on three-year average high yielding entries for early and late trials at four Nebraska and three Iowa soybean performance test areas. Some firms did not choose to enter. Public varieties generally included more recent releases. It should be emphasized that these trials represent one-year data for high-yielding entries selected under different environments. Data are shown in Tables 17 and 18. These experiments provide information about the effects of irrigation on varietal performance.

The public variety trials at Mead and Lincoln include many of the generally available releases from Agricultural Experiment Stations. Mead dryland and irrigated data are included in Tables 19 and 21, and Lincoln data are shown in Table 23. Period-of-years data are summarized in Tables 20, 22 and 24.

Southeast

The Nemaha County tests were planted no-till into corn residue. Stands were generally good but time of emergence was slightly uneven. Two soil types were represented in the test area. On two replications in the heavier soil area, certain entries showed severe *Phytophthora* root rot symptoms. This reduced yields by over 50% in the most severely infected plots. This also resulted in increased plot variability.

Average yields were good (Tables 25 and 28). Later maturity was correlated with higher yield in the early test. The opposite was true in the late test. Plants were tall with moderately severe lodging. Period-of-years data for Nemaha County Trials are shown in Tables 26, 27 and 29.

South Central Irrigated

These tests were conducted in Clay and Buffalo counties. Individual and combined test data are shown in Tables 30, 31, 32, 35, 36 and 37. Yields were especially high in Buffalo County. In Buffalo County, there was a significant correlation between later maturity and acre grain yield. *Phytophthora* root rot symptoms were observed in Buffalo County. Later maturity was correlated with higher yields at this location. Period-of-years data are shown in Tables 33, 34, 38 and 39.

West Central Irrigated

Varieties were tested under a center pivot system in Frontier County (Table 40). Eight varieties were planted in 1985 and 1986. Five varieties were common in both years. Excellent yields were produced.

A variety experiment under two irrigation systems was conducted at North Platte (Table 41). Limited irrigation plots received six inches of supplemental irrigation. Fully irrigated plots receive irrigation at full evapo transpiration. In 1985, this required 12 inches of irrigation water. In 1986, the first planting of beans suffered herbicide damage. From the second planting, yield data were obtained for five varieties under limited irrigation. These data show an excellent yield potential for soybeans under limited irrigation in west central Nebraska. Also, experience indicates that herbicides must be used with special care on high pH soils.

Table 4. Soybean performance. Average for entries common over years within tests. Five years.

Test	Year	Yield bu/A	Mature date	Lodging score	Height inches	Seeds pound
Northeast						
Early (3 entries)	1982	39.2	9-27	1.0	34.7	2863
	1983	43.0	9-21	1.7	41.7	3267
	1984	58.3	9-24	2.7	42.7	3133
	1985	53.8	10-2	1.2	40.0	2630
	1986	40.9	9-29	1.1	34.7	----
Late (7 entries)	1982	41.5	9-30	1.0	36.3	2937
	1983	43.5	9-24	1.2	39.0	3311
	1984	54.5	9-28	2.3	38.3	2934
	1985	53.6	10-9	1.0	38.1	2741
	1986	43.5	10-5	1.0	32.7	----
East Central						
Early (4 entries)	1981	46.7	9-17	1.0	34.7	2563
	1982	57.8	10-3	2.1	38.5	2745
	1983	39.8	9-25	1.5	30.0	3167
	1985	44.1	9-28	2.5	44.2	2658
	1986	62.2	9-29	3.0	42.0	----
Late (5 entries)	1981	45.1	9-24	1.0	36.3	2493
	1982	56.9	10-10	2.1	38.5	2578
	1983	40.2	9-29	1.3	30.5	3173
	1985	46.8	10-4	2.1	41.0	2418
	1986	66.5	10-6	2.4	39.3	----
Southeast						
Early (5 entries)	1982	56.0	10-3	2.1	37.2	2586
	1983	35.2	9-16	1.1	30.0	3142
	1984	42.1	9-22	1.7	37.8	3046
	1985	54.3	9-25	1.9	38.2	2596
	1986	59.8	9-21	2.5	38.4	----
Late (5 entries)	1982	47.5	10-6	2.1	39.8	2488
	1983	33.0	9-22	1.0	31.4	2862
	1984	38.8	9-30	2.2	43.2	2788
	1985	48.9	10-3	2.4	46.8	2584
	1986	61.2	9-28	3.3	49.0	----
South Central						
Early (4 entries)	1982	47.5	9-30	1.7	35.5	2605
	1983	53.2	9-20	2.0	38.5	3540
	1984	53.0	9-19	1.4	28.8	2703
	1985	45.9	10-1	2.8	40.3	2625
	1986	59.1	9-19	2.1	37.8	----
Late (7 entries)	1982	52.8	10-9	1.7	36.2	2416
	1983	52.9	9-26	1.8	36.9	2876
	1984	57.6	9-27	1.8	33.5	2545
	1985	42.2	10-5	3.2	40.6	2484
	1986	59.1	9-26	1.7	40.0	----

TABLE 5. NORTHEAST SOYBEAN PERFORMANCE. CEDAR COUNTY. EARLY. 1986.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
YOUNKERMAN	ALPINE	35.9	88	9-21	1.0	26
-----	WEBER 84	38.4	94	9-22	1.0	32
ASGROW	A1937	35.5	87	9-27	1.0	31
-----	BSR 101	36.5	90	9-28	1.0	31
ASGROW	A2187	39.6	97	9-28	1.0	33
HOEGEMEYER	208	43.9	108	9-28	1.0	33
MCCUBBIN	EX-40514	41.1	101	9-28	1.0	27
-----	CORSOY 79	42.3	104	9-29	1.0	35
-----	ELGIN	43.3	106	9-29	1.0	31
-----	PLATTE	42.0	103	9-29	1.0	35
AGRIPRO	AP 2190	43.1	106	9-29	1.0	34
DIAMOND BRAND	D201	47.2	116	9-29	1.0	35
HILL SEED	HS2275	40.7	100	9-29	1.0	33
HOFLER	JEWELL	39.0	96	9-29	1.0	32
HY-VIGOR	DERBY 9	39.6	97	9-29	1.3	34
HY-VIGOR	901	40.7	100	9-29	1.0	34
KRUGER	KB230	40.7	100	9-29	1.0	29
LINCOLN SEED	LS7138	39.4	97	9-29	1.0	30
LYNKS SEEDS	8202	40.9	100	9-29	1.0	32
MCCURDY	2608	42.0	103	9-29	1.0	32
MIDWEST OILSEEDS	2810	39.6	97	9-29	1.0	34
MIDWEST OILSEEDS	2820	39.7	97	9-29	1.0	33
NORTHROP KING	23-03	44.3	109	9-29	1.0	36
PROFISEED	PS1138	40.1	98	9-29	1.3	35
S-BRAND	S-44C	35.1	86	9-29	1.0	32
SANDS	SOI 254	39.0	96	9-29	1.0	30
SEEDTEC	EX501	47.1	116	9-29	1.0	33
STINE	2510	39.8	98	9-29	1.0	27
STINE	2620	41.8	103	9-29	1.0	30
STRAYER	EXP 1906	41.6	102	9-29	1.0	30
STRAYER	2242	41.6	102	9-29	1.0	32
TRI VALLEY	BRAT	37.4	92	9-29	1.0	26
WILSON BLEND	EXP. 8620	38.2	94	9-29	1.0	34
-----	HACK	41.9	103	9-30	1.0	29
S-BRAND	S-44A	41.3	101	9-30	1.0	32
DE SOY	555R	41.6	102	9-30	1.0	31
DEKALB-PFIZER	CX264	44.3	109	9-30	1.0	30
DIAMOND BRAND	D2208	44.5	109	9-30	1.0	32
FONTANELLE	4250	36.7	90	9-30	1.0	31
GOLDEN HARVEST	H-1233	44.7	110	9-30	1.0	32
HOEGEMEYER	200	44.6	109	9-30	1.0	32
HOFLER	RUBY	42.3	104	9-30	1.0	33
HORIZON	H-25	45.3	111	9-30	1.0	32
JACOBSEN	J721	42.9	105	9-30	1.0	32
JACQUES	J-231	39.4	97	9-30	1.0	31
KRUGER	KB220A	43.5	107	9-30	1.0	32
LAND O LAKES	EX 2200	40.0	98	9-30	1.0	34
LATHAM	851	44.6	109	9-30	1.0	31
LINCOLN SEED	LS7221	44.6	109	9-30	1.0	33
MCCUBBIN	OSAGE	41.9	103	9-30	1.0	30
NORTHROP KING	27-10	43.4	106	9-30	1.0	30
PRAIRIE BRAND	PB223	41.4	102	9-30	1.0	32
PRIDE	B236	46.0	113	9-30	1.0	33
PROFISEED	PS1152	40.9	100	9-30	1.0	28
SANDS	SOI 226	40.7	100	9-30	1.0	30
SEEDTEC	EX450B	42.9	105	9-30	1.0	32
TERRA SEED	DECATHALON	43.9	108	9-30	1.0	30
TERRA SEED	HURDLE	40.1	98	9-30	1.0	31
WILSON BLEND	2145	44.0	108	9-30	1.0	29
AGRIPRO	HP 2530	37.9	93	10- 1	1.0	31
DE SOY	595	41.3	101	10- 1	1.0	32
HILL SEED	HS2400	43.9	108	10- 1	1.0	33
OHLE	2193A	43.5	107	10- 1	1.0	33
PRIDE	B242	38.0	93	10- 1	1.0	32
TRI VALLEY	TV-22	44.8	110	10- 1	1.0	32
CUSTOM FARM SEED	CFS 23	43.8	107	10- 2	1.0	31
DEKALB-PFIZER	CX283	42.7	105	10- 2	1.0	35
FUNK	G3232	44.5	109	10- 2	1.0	35
FUNK	G3239	41.8	103	10- 2	1.0	32
AVERAGE ALL ENTRIES		41.5		9-29	1.0	31.7
DIF. REQ. FOR SIG.	5%	4.3		0.9	NS	3.0
	25%	2.5		0.5	NS	1.7

Yield in bushels per acre and % of Hack, Platte and Pella.

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

TABLE 6. NORTHEAST SOYBEAN PERFORMANCE. EARLY. 1985-1986.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
2-YEAR AVERAGE							
ASGROW	A1937	46.0	97	9-27	1.0	34	2460
PROFISEED	PS1138	46.3	97	9-28	1.3	38	2560
HY-VIGOR	DERBY 9	48.5	102	9-29	1.2	37	2600
-----	CORSOY 79	49.5	104	9-30	1.3	39	2620
ASGROW	A2187	48.7	102	9-30	1.0	37	2500
FONTANELLE	4250	45.4	95	9-30	1.0	36	2520
HY-VIGOR	901	48.0	101	9-30	1.2	37	2670
PROFISEED	PS1152	49.5	104	9-30	1.0	32	2580
SANDS	SOI 226	51.0	107	9-30	1.0	33	2520
-----	BSR 101	47.4	100	10- 1	1.0	34	2470
DEKALB-PFIZER	CX264	51.5	108	10- 1	1.0	34	2600
PRAIRIE BRAND	PB223	50.9	107	10- 1	1.0	35	2520
S-BRAND	S-44A	50.0	105	10- 1	1.0	34	2590
TERRA SEED	DECATHALON	50.8	107	10- 1	1.0	33	2530
-----	ELGIN	51.0	107	10- 2	1.0	33	2490
GOLDEN HARVEST	H-1233	51.4	108	10- 2	1.0	34	2540
HOFER	JEWELL	50.5	106	10- 2	1.0	35	2340
JACOBSEN	J721	50.6	106	10- 2	1.0	34	2590
LINCOLN SEED	LS7221	52.7	111	10- 2	1.0	35	2510
MCCUBBIN	EX-40514	50.2	106	10- 2	1.0	30	2380
MCCURDY	2608	51.2	108	10- 2	1.0	34	2520
NORTHRUP KING	23-03	50.0	105	10- 2	1.3	38	2470
STINE	2510	51.6	109	10- 2	1.0	32	2440
DE SOY	595	50.0	105	10- 3	1.0	34	2470
JACQUES	J-231	49.7	105	10- 3	1.0	35	2130
LATHAM	851	51.7	109	10- 3	1.0	34	2510
LYNKS SEEDS	8202	52.6	111	10- 3	1.0	35	2310
SANDS	SOI 254	46.8	98	10- 3	1.0	34	2210
-----	HACK	51.4	108	10- 4	1.0	32	2380
-----	PLATTE	47.8	101	10- 4	1.0	38	2660
AGRIPRO	HP 2530	47.0	99	10- 4	1.0	35	2520
NORTHRUP KING	27-10	53.3	112	10- 4	1.0	34	2700
TRI VALLEY	TV-22	52.8	111	10- 4	1.0	34	2510
DEKALB-PFIZER	CX283	49.8	105	10- 5	1.0	37	2620
DIAMOND BRAND	D2208	52.7	111	10- 5	1.0	36	2630
FUNK	G3239	48.2	101	10- 5	1.0	34	2580
AVERAGE ALL ENTRIES		49.9		10-2	1.0	34.7	2507
DIF. REQ. FOR SIG. 5%		NS		NS	NS	2.5	146
25%		2.7		2.5	0.1	1.4	86

% yield based on average of Century>Hack (1986); Platte; Weber>Weber 84 (1986).
 Seeds pound: No 1986 data.

TABLE 7. NORTHEAST SOYBEAN PERFORMANCE. EARLY. 1982-1986.

BRAND	ENTRY	YIELD		MATURE	LODGING	HEIGHT	SEEDS
		BU/A	%	DATE	SCORE	INCHES	POUND
3-YEAR AVERAGE							
PROFISEED	PS1138	51.1	103	9-26	1.7	39	2810
HY-VIGOR	DERBY 9	52.5	106	9-27	1.6	38	2800
FONTANELLE	4250	50.6	102	9-28	1.6	38	2740
HY-VIGOR	901	53.1	107	9-28	1.9	40	2900
PROFISEED	PS1152	54.4	110	9-28	1.5	34	2840
SANDS	SOI 226	55.3	111	9-28	1.4	34	2810
DEKALB-PFIZER	CX264	55.3	111	9-29	1.3	35	2830
GOLDEN HARVEST	H-1233	53.6	108	9-29	1.2	34	2830
PRAIRIE BRAND	PB223	54.6	110	9-29	1.3	34	2800
S-BRAND	S-44A	52.9	107	9-29	1.3	34	2820
TERRA SEED	DECATHALON	56.0	113	9-29	1.5	35	2740
-----	ELGIN	52.7	106	9-30	1.5	34	2760
HOFER	JEWELL	53.0	107	9-30	1.3	37	2550
LATHAM	851	54.2	109	9-30	1.5	35	2790
LINCOLN SEED	LS7221	56.0	113	9-30	1.5	36	2750
LYNKS SEEDS	8202	55.0	111	9-30	1.4	36	2640
MCCURDY	2608	52.8	106	9-30	1.4	35	2710
STINE	2510	55.5	112	9-30	1.5	33	2650
-----	HACK	53.3	107	10- 1	1.1	33	2630
-----	PLATTE	48.9	98	10- 1	1.4	39	2950
AGRIPRO	HP 2530	49.9	100	10- 1	1.6	39	2760
DEKALB-PFIZER	CX283	54.8	110	10- 2	1.7	38	2850
DIAMOND BRAND	D220B	53.9	109	10- 2	1.4	37	2840
AVERAGE ALL ENTRIES		53.5		9-29	1.5	36.0	2778
DIF. REQ. FOR SIG. 5%		NS		3.0	NS	3.2	110
25%		2.7		1.8	0.2	1.7	63
4-YEAR AVERAGE							
PROFISEED	PS1138	48.7	103	9-24	1.7	39	2930
HY-VIGOR	901	51.0	108	9-27	1.9	41	3060
S-BRAND	S-44A	51.5	109	9-27	1.3	35	2950
SANDS	SOI 226	52.5	111	9-27	1.4	35	2990
-----	ELGIN	49.7	105	9-28	1.4	33	2950
-----	PLATTE	47.4	100	9-29	1.4	39	3050
DEKALB-PFIZER	CX283	51.8	110	9-30	1.7	38	3030
AVERAGE ALL ENTRIES		50.4		9-27	1.5	37.1	2994
DIF. REQ. FOR SIG. 5%		NS		2.6	0.4	2.6	NS
25%		2.5		1.5	0.2	1.4	68
5-YEAR AVERAGE							
PROFISEED	PS1138	46.3	101	9-24	1.6	38	2910
HY-VIGOR	901	48.4	105	9-27	1.7	40	3020
S-BRAND	S-44A	49.4	108	9-27	1.2	35	2940
-----	PLATTE	46.5	101	9-29	1.3	38	2990
AVERAGE ALL ENTRIES		47.7		9-27	1.5	37.8	2965
DIF. REQ. FOR SIG. 5%		NS		2.6	0.4	2.6	NS
25%		NS		1.4	0.2	1.4	52

% yield based on average of Amsoy 71>Platte (1984); Century>Hack (1986); Weber>Weber 84 (1986).

Seeds pound: no 1986 Data.

TABLE 8. NORTHEAST SOYBEAN PERFORMANCE. CEDAR COUNTY. LATE. 1986.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	WEBER 84	39.2	97	9-23	1.0	31
-----	CENTURY 84	38.1	94	9-30	1.0	32
-----	PLATTE	39.4	97	9-30	1.0	34
-----	HOYT	46.1	114	9-30	1.0	22
HY-VIGOR	EX 2903	42.1	104	9-30	1.0	31
LAND O LAKES	GO 42	40.7	100	9-30	1.0	31
LINCOLN SEED	LS7224	42.3	104	9-30	1.0	31
S-BRAND	S-450+	48.1	119	9-30	1.0	33
S-BRAND	S-46F	45.9	113	9-30	1.0	30
SANDS	SOI 266	43.7	108	9-30	1.0	33
SANDS	SOI EXP 266A	45.8	113	9-30	1.0	36
STINE	2750	45.1	111	9-30	1.0	29
STRAYER	EXP 2826	47.0	116	9-30	1.0	33
TRI VALLEY	BLAZER II	44.8	110	9-30	1.0	32
-----	HACK	43.1	106	10- 1	1.0	30
AGRIPRO	AP 3132	43.5	107	10- 1	1.0	32
DE SOY	660	42.4	105	10- 1	1.0	33
HILL SEED	HS2700	46.5	115	10- 1	1.0	34
HOEGEMEYER	220	43.3	107	10- 1	1.0	31
HORIZON	H-29	42.5	105	10- 1	1.0	33
KRUGER	KB254A	42.2	104	10- 1	1.0	32
LYNKS SEEDS	8252	42.6	105	10- 1	1.0	32
MIDWEST OILSEEDS	2840	43.7	108	10- 1	1.0	33
OHLOE	2180	45.9	113	10- 1	1.0	39
STINE	2770	47.9	118	10- 1	1.0	34
TERRA SEED	SPRINT	48.0	118	10- 1	1.0	33
TRI VALLEY	BLAZER	44.6	110	10- 1	1.0	34
YOUNKERMAN	BOBCAT III	41.0	101	10- 1	1.0	33
-----	FREMONT	40.5	100	10- 2	1.0	36
AGRIPRO	AP 3023	39.1	96	10- 2	1.0	35
DE SOY	750R	45.0	111	10- 2	1.0	33
FONTANELLE	4545	45.3	112	10- 2	1.0	37
HOEGEMEYER	205	45.7	113	10- 2	1.0	33
HORIZON	H-21	45.9	113	10- 2	1.0	33
JACOBSEN	J823	43.3	107	10- 2	1.0	33
LATHAM	1010	45.0	111	10- 2	1.0	32
LINCOLN SEED	LS7225	44.5	110	10- 2	1.3	35
MCCUBBIN	TAYLOR	44.9	111	10- 2	1.0	36
WILSON BLEND	2505R	46.3	114	10- 2	1.0	32
YOUNKERMAN	YSC-20	44.8	110	10- 2	1.0	32
DIAMOND BRAND	D245	41.8	103	10- 3	2.0	38
DIAMOND BRAND	TC204A	46.2	114	10- 3	1.0	31
GOLDEN HARVEST	H-1285	43.4	107	10- 3	1.0	34
KRUGER	K2195	44.4	109	10- 3	1.0	32
OHLOE	2193	45.7	113	10- 3	1.0	32
STRAYER	3134	42.9	106	10- 3	1.0	32
-----	U80-64032	42.0	104	10- 4	1.0	33
HILL SEED	HS2850	43.0	106	10- 4	1.0	34
TERRA SEED	ADVANCE	42.8	106	10- 4	1.0	32
-----	ZANE	39.7	98	10- 5	1.0	33
ASGROW	A2943	41.1	101	10- 5	1.0	32
FUNK	G3341	44.0	108	10- 5	1.3	35
WILSON BLEND	3182	42.5	105	10- 5	1.0	30
-----	PELLA	42.3	104	10- 6	1.0	36
D.S.G.R.	D 280B	44.5	110	10- 6	1.3	32
HOFER	SUNSTONE	42.7	105	10- 6	1.0	34
MCCURDY	375B	42.2	104	10- 6	1.0	34
-----	LOGAN	43.7	108	10- 7	1.0	37
DEKALB-PFIZER	CX326	43.2	106	10- 7	1.0	32
FUNK	1N1059	40.6	100	10- 7	1.0	33
HY-VIGOR	40-10	45.9	113	10- 7	1.8	37
LAND O LAKES	EX 3100	42.7	105	10- 7	1.5	35
DEKALB-PFIZER	CX366	43.6	107	10- 9	1.0	36
-----	U80-68130	43.6	107	10-11	1.3	36
-----	HOBBIT	46.3	114	10-12	1.0	25
HOFER	CORAL	47.0	116	10-12	1.8	37
AVERAGE ALL ENTRIES		43.7		10-3	1.1	33.0
DIF. REQ. FOR SIG. 5%		3.8		1.3	0.2	3.5
25%		2.3		0.8	0.1	2.0

Yield in bushels per acre and % of Hack, Platte and Weber 84.
This % should be used to make comparisons with the early test in this area.

TABLE 9. NORTHEAST SOYBEAN PERFORMANCE. LATE. 1985-1986.

BRAND	ENTRY	YIELD		MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
		BU/A	%				
2-YEAR AVERAGE							
DE SOY	660	48.7	102	10- 4	1.0	35	2590
LAND O LAKES	GO 42	47.3	99	10- 4	1.0	35	2530
TRI VALLEY	BLAZER	51.0	107	10- 4	1.2	36	2640
-----	CENTURY 84	43.8	92	10- 5	1.0	35	2540
-----	PLATTE	46.2	97	10- 5	1.0	37	2720
FONTANELLE	4545	51.2	107	10- 5	1.0	39	2710
HILL SEED	HS2700	54.1	113	10- 5	1.0	37	2650
HORIZON	H-21	52.1	109	10- 5	1.0	36	2740
JACOBSEN	J823	49.6	104	10- 5	1.0	38	2720
LATHAM	1010	50.4	106	10- 5	1.0	36	2640
LINCOLN SEED	LS7225	51.0	107	10- 5	1.2	38	2750
LYNKS SEEDS	8252	49.6	104	10- 5	1.0	35	2530
TERRA SEED	SPRINT	53.3	112	10- 5	1.0	36	2730
WILSON BLEND	2505R	51.7	108	10- 5	1.0	36	2650
YOUNKERMEN	BOBCAT III	47.7	100	10- 5	1.0	36	2500
AGRIPRO	AP 3023	45.8	96	10- 6	1.0	39	2480
DIAMOND BRAND	TC204A	52.1	109	10- 6	1.0	34	2640
GOLDEN HARVEST	H-1285	49.9	105	10- 6	1.0	37	2710
MCCUBBIN	TAYLOR	51.8	109	10- 6	1.0	38	2770
OHLDE	2193	52.3	110	10- 6	1.0	37	2600
-----	FREMONT	44.8	94	10- 7	1.0	39	2650
-----	ZANE	43.4	91	10- 7	1.0	36	2520
DIAMOND BRAND	D245	49.1	103	10- 7	1.8	41	2900
FUNK	G3341	47.0	98	10- 7	1.2	37	2900
MCCURDY	3758	43.3	101	10- 8	1.2	38	2870
-----	LOGAN	46.5	97	10- 9	1.0	41	2520
-----	PELLA	46.6	98	10- 9	1.0	39	2610
ASGROW	A2943	43.3	91	10- 9	1.0	36	2980
-----	HOBBIT	49.2	103	10-12	1.0	27	2890
AVERAGE ALL ENTRIES		48.9		10-6	1.1	36.7	2679
DIF. REQ. FOR SIG. 5%		4.3		2.7	0.2	2.4	169
25%		2.4		1.5	0.1	1.4	99

% yield based on average of Century>Hack (1986); Platte; Weber>Weber 84 (1986).
 Seeds pound: No 1986 data.

TABLE 10. NORTHEAST SOYBEAN PERFORMANCE. LATE. 1982-1986.

BRAND	ENTRY	YIELD BU/A	%	MATURE DATE	LODGING SCORE	HEIGHT INCHES	SEEDS POUND
3-YEAR AVERAGE							
-----	CENTURY 84	46.1	92	10- 1	1.3	38	2670
-----	PLATTE	46.2	93	10- 2	1.4	37	2830
DE SOY	660	52.3	105	10- 2	1.5	36	2780
HILL SEED	HS2700	54.7	110	10- 2	1.5	38	2790
TRI VALLEY	BLAZER	52.6	106	10- 2	1.4	35	2840
YOUNKERMAN	BOBCAT III	53.9	108	10- 2	1.4	37	2540
DIAMOND BRAND	TC204A	52.5	105	10- 3	1.5	36	2810
GOLDEN HARVEST	H-1285	53.3	107	10- 3	1.4	38	2840
LATHAM	1010	52.8	106	10- 3	1.4	36	2820
LINCOLN SEED	LS7225	52.8	106	10- 3	1.6	38	2840
MCCUBBIN	TAYLOR	54.2	109	10- 3	1.5	38	2840
OHLDE	2193	53.4	107	10- 3	1.5	37	2760
TERRA SEED	SPRINT	54.5	109	10- 3	1.4	37	2790
WILSON BLEND	2505R	53.7	108	10- 3	1.6	38	2750
-----	FREMONT	47.0	94	10- 4	1.3	39	2740
-----	ZANE	47.1	94	10- 4	1.2	38	2540
DIAMOND BRAND	D245	52.0	104	10- 4	2.2	42	3000
-----	LOGAN	48.3	97	10- 5	1.5	42	2620
-----	PELLA	48.2	97	10- 5	1.4	40	2600
ASGROW	A2943	50.1	100	10- 5	1.3	38	2970
MCCURDY	375B	51.0	102	10- 5	1.7	39	2960
-----	HOBBIT	51.8	104	10- 7	1.0	26	3000
AVERAGE ALL ENTRIES		51.3		10- 3	1.5	37.4	2788
DIF. REQ. FOR SIG. 5%		5.3		2.5	0.4	3.1	175
25%		3.1		1.4	0.2	1.8	99
4-YEAR AVERAGE							
TRI VALLEY	BLAZER	52.1	109	9-29	1.5	36	2970
-----	PLATTE	45.3	95	9-30	1.3	38	2950
DIAMOND BRAND	TC204A	50.9	107	10- 1	1.4	38	3020
GOLDEN HARVEST	H-1285	51.4	108	10- 1	1.4	39	3000
LINCOLN SEED	LS7225	51.0	107	10- 1	1.6	39	2990
MCCUBBIN	TAYLOR	52.2	109	10- 1	1.6	39	3030
-----	LOGAN	46.5	97	10- 3	1.4	44	2760
-----	PELLA	46.0	96	10- 3	1.4	40	2690
ASGROW	A2943	48.0	101	10- 3	1.2	37	3070
MCCURDY	375B	49.0	103	10- 3	1.7	40	3110
-----	HOBBIT	49.5	104	10- 5	1.0	27	3200
AVERAGE ALL ENTRIES		49.3		10- 2	1.4	37.9	2981
DIF. REQ. FOR SIG. 5%		4.5		2.2	NS	2.6	200
25%		2.6		1.3	0.2	1.5	113
5-YEAR AVERAGE							
-----	PLATTE	44.3	96	9-29	1.3	37	2940
DIAMOND BRAND	TC204A	48.9	106	9-30	1.3	37	3030
GOLDEN HARVEST	H-1285	50.1	108	9-30	1.3	38	3030
LINCOLN SEED	LS7225	49.3	106	9-30	1.5	38	2980
MCCURDY	375B	46.8	101	10- 2	1.5	39	3090
-----	PELLA	45.3	98	10- 3	1.3	39	2670
-----	HOBBIT	47.9	103	10- 4	1.0	27	3130
AVERAGE ALL ENTRIES		47.5		10- 1	1.3	36.4	2981
DIF. REQ. FOR SIG. 5%		3.0		2.0	NS	2.3	143
25%		1.7		1.2	0.2	1.3	81

% yield based on average of Amsoy 71>Platte (1984); Century>Hack (1986); Weber>Weber 84 (1986).
 Seeds pound: no 1986 data.

TABLE 11. EAST CENTRAL SOYBEAN PERFORMANCE. WASHINGTON COUNTY. EARLY.
1986.

BRAND	ENTRY	YIELD		MATURE DATE	LOGGING SCORE	HEIGHT INCHES
		BU/A	%			
-----	BSR 101	65.4	101	9-18	2.5	40
KRUGER	KB160	67.2	104	9-18	2.0	38
SANDS	SOI 267	62.2	96	9-19	3.0	40
DE SOY	330	64.2	99	9-20	1.5	38
DIAMOND BRAND	D201	69.0	107	9-21	2.0	41
JACQUES	J-271	65.4	101	9-23	1.0	41
NORTHROP KING	23-03	69.6	108	9-23	3.0	41
SRF	220P	59.3	92	9-23	2.3	42
-----	CENTURY 84	64.1	99	9-24	1.0	40
LINCOLN SEED	LS7231	68.1	105	9-24	2.5	42
STRAYER	2316	59.5	92	9-24	1.3	38
-----	CORSOY 79	57.5	89	9-25	4.0	44
-----	ELGIN	60.0	93	9-25	1.8	37
-----	HACK	65.7	102	9-25	1.5	39
-----	PLATTE	60.5	94	9-25	2.0	43
AGRIPRO	AP 3023	68.6	106	9-25	2.3	42
AGRIPRO	HP 2530	63.2	98	9-25	1.0	36
ASGROW	A2522	64.2	99	9-25	3.0	45
D.S.G.R.	D 220B	66.8	103	9-25	2.3	41
DE SOY	555R	61.2	95	9-25	3.3	40
HILL SEED	HS2275	64.2	99	9-25	2.5	42
HY-VIGOR	3903	71.1	110	9-25	3.0	40
KAUP SEED	KS-2610	63.1	98	9-25	3.3	39
MCCURDY	102+	58.1	90	9-25	2.8	44
SANDS	SOI 226FT	61.5	95	9-25	3.0	40
STINE	2770	75.7	117	9-25	2.8	39
TRI VALLEY	BLAZER 86	69.2	107	9-25	2.5	38
DEKALB-PFIZER	CX264	61.3	95	9-26	2.5	37
GOLDEN HARVEST	H-1233	62.9	97	9-26	3.3	37
HILL SEED	HS2400	68.2	106	9-26	1.8	43
HOFER	RUBY	64.1	99	9-26	1.8	41
HORIZON	H-29	70.9	110	9-26	2.5	39
LYNKS SEEDS	8252	69.9	108	9-26	2.5	39
OHLE	2180	67.5	104	9-26	2.5	47
SANDS	SOI EXP 269	70.2	109	9-26	3.3	39
STRAYER	2233	63.9	99	9-26	3.0	38
-----	FREMONT	62.3	96	9-27	1.0	44
FUNK	12277	61.9	96	9-27	1.3	40
FUNK	G3232	69.2	107	9-27	2.5	43
JACOBSEN	J721	62.2	96	9-27	2.5	38
LINCOLN SEED	LS7221	65.0	101	9-27	3.0	41
NORTHROP KING	27-10	68.0	105	9-27	2.8	39
WILSON BLEND	2505R	66.3	103	9-27	2.5	41
LAND O LAKES	GO 42	63.8	99	9-28	3.3	44
FONTANELLE	5001	60.4	93	9-29	2.5	47
-----	LOGAN	69.5	108	9-30	3.0	50
DIAMOND BRAND	TC204A	62.7	97	9-30	2.5	41
HORIZON	H-21	60.6	94	9-30	3.0	41
OHLE	2193	69.5	108	9-30	3.0	41
YOUNKMAN	BOBCAT II	63.4	98	9-30	3.5	43
-----	PELLA	65.9	102	10- 1	2.0	45
D.S.G.R.	DX 85-301	66.6	103	10- 1	1.0	33
FONTANELLE	4545	65.6	101	10- 1	3.5	41
MERSCHMAN	CHEYENNE II	62.4	97	10- 1	2.3	39
PRAIRIE BRAND	ZENITH II	67.6	105	10- 1	3.3	42
TERRA SEED	OLYMPIAN	63.6	98	10- 1	3.0	39
WILSON BLEND	2505	61.6	95	10- 1	2.3	40
HOEGEMEYER	205	66.6	103	10- 2	3.0	41
HOEGEMEYER	345	65.4	101	10- 2	3.0	43
S-BRAND	S-48C	65.3	101	10- 2	2.5	42
S-BRAND	S-49B	64.1	99	10- 2	2.3	43
KRUGER	K2195	57.0	88	10- 3	3.0	42
MCCUBBIN	TAYLOR	63.7	99	10- 3	3.5	43
TRI VALLEY	BRADLEY	63.8	99	10- 3	3.0	41
DEKALB-PFIZER	CX283	64.0	99	10- 4	3.8	43
HY-VIGOR	EX 3909	62.6	97	10- 4	3.3	43
LAND O LAKES	EX 3100	65.1	101	10- 4	2.8	45
YOUNKMAN	YSC-32	64.7	100	10- 4	3.0	44
HOFER	SUNSTONE	67.2	104	10- 5	3.0	44
AVERAGE ALL ENTRIES		64.8		9-27	2.6	41.1
DIF. REQ. FOR SIG. 5%		6.0		2.7	0.7	3.1
25%		3.5		1.6	0.4	1.8

Yield in bushels per acre and % at Fremont, Hack and Pella.

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