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Lenis Alton Nelson
University of Nebraska-Lincoln, lnelson1@unl.edu

D. L. Holshouser

Roger Wesley Elmore
University of Nebraska-Lincoln, roger.elmore@unl.edu

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NEBRASKA SOYBEAN VARIETY TESTS 1995

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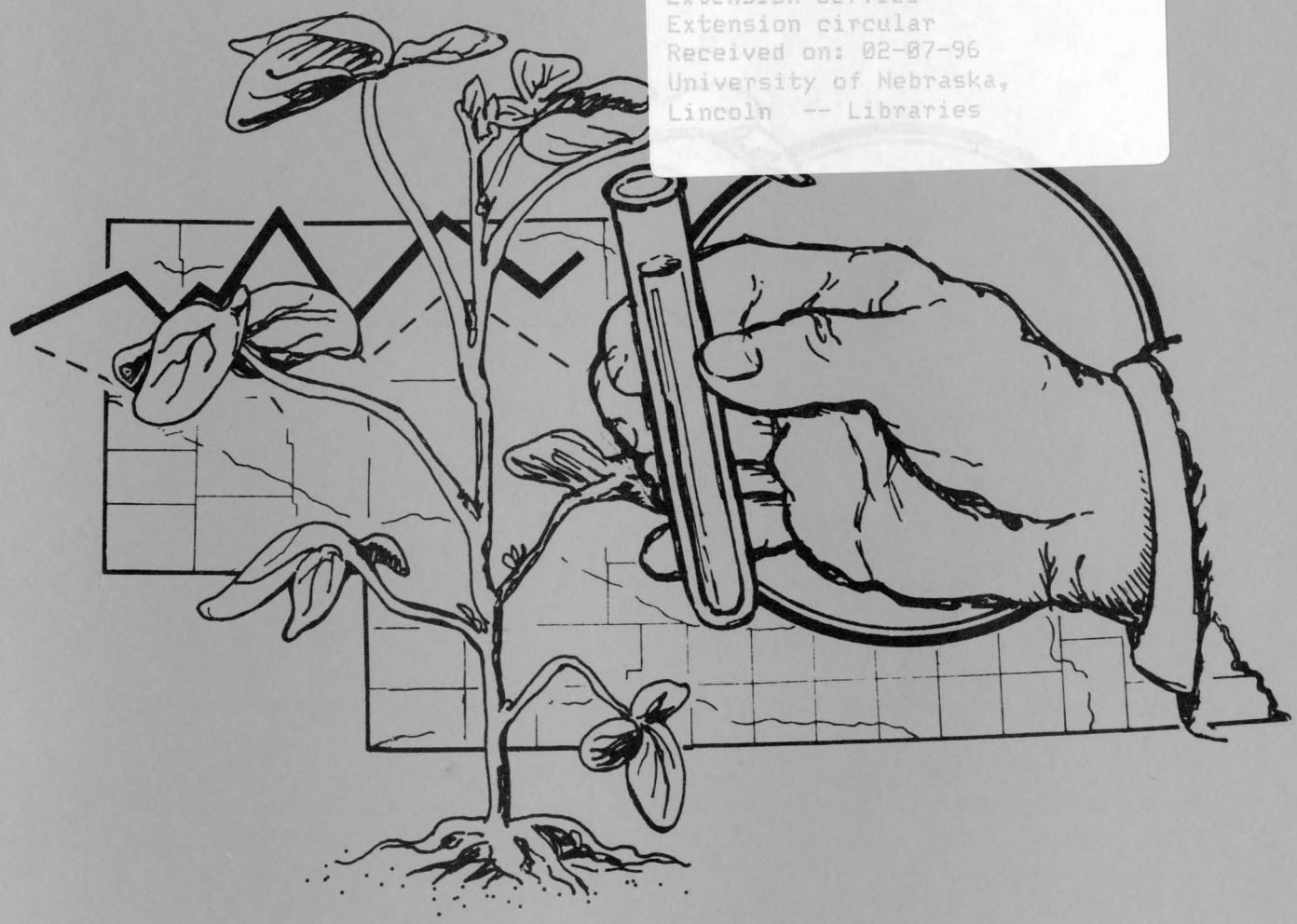

University of Nebraska-Lincoln
Institute of Agriculture and Natural Resources
Agricultural Research Division
Cooperative Extension

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EXTENSION CIRCULAR 95-104

NEBRASKA SOYBEAN VARIETY TESTS

December 1995

AUTHORS

L. A. Nelson	Department of Agronomy, Lincoln
D. L. Holshouser	Northeast Research and Extension Center, Concord
R. W. Elmore	South Central Research and Extension Center, Clay Center
R. N. Klein	West Central Research and Extension Center, North Platte
D. D. Baltensperger	Panhandle Research and Extension Center, Scottsbluff

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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, Southeast, and South Central 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 (Table A page 11); also to extension agents and other I.A.N.R. personnel who assisted with the tests.

This year a table is included showing chlorosis readings. This table begins on page 15. The authors wish to acknowledge the assistance of Dr. George Graef for planting and evaluating the chlorosis plot and to Bob Eilts for furnishing the land for this plot.

The authors wish to recognize the contributions of the technical staff: Greg Dorn, John Eis, Ray Brentlinger, George Hoffmeister, Ralph Klein, Don Thrailkill, Lisa Lunz, and Glen Frickel. Also, we acknowledge the State Climate Program at the University of Nebraska-Lincoln for providing climate data and information used in this study.

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)

EXTENSION CIRCULAR

95-104

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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)
1960	164 (66)	28.0 (1883)	4,592 (125)
1965	696 (282)	23.5 (1581)	16,356 (446)
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	2,450 (992)	38.0 (2555)	93,100 (2534)
1987	2,350 (952)	35.5 (2388)	83,425 (2270)
1988	2,300 (932)	30.0 (2018)	69,000 (1877)
1989	2,560(1078)	32.0 (2153)	81,920 (2229)
1990	2,350 (952)	34.0 (2287)	79,900 (2174)
1991	2,450 (992)	33.0 (2220)	80,850 (2200)
1992	2,460 (996)	42.0 (2825)	103,320 (2811)
1993	2,500 (1012)	36.0 (2421)	90,000 (2449)
1994	2,860 (1157)	47.0 (3161)	134,420 (3658)
1995 *	3,060 (1238)	33.0 (2220)	100,980 (2748)

* November estimate.

NEBRASKA SOYBEAN VARIETY TESTS

1995

The November 1995 estimated soybean yield for Nebraska was 33 bushels per acre from a record 3,060,000 harvested acres. The 33 bushels per acre was 14 bushels lower than the 1994 record of 47 bushels per acre. The total production of soybeans for the state was 100,980,000 bushels. This was 25% below last years record production. These estimates are from the November Nebraska Agricultural Statistics Service. Wet, cool weather delayed spring fieldwork for most of April and May. This caused some acres intended for corn to be moved into soybean production. As of June 4th only 31% of planting was complete. This was considerably behind last year at 100% and the 5-year average at 83%. Above normal temperatures during the first three weeks of October allowed for quick crop drydown and rapid harvest progress. The late September freeze did not cause as much damage as expected.

PROCEDURE

Data were obtained from 15 trials at 9 locations (Table A). Publicly released entries were included at all sites and planted with seed supplied by the Nebraska Foundation Seed Division. Privately developed varieties or blends were included in trials at all locations. Privately developed varieties were selected by the seed supplier. At six locations, entries were divided into early and late maturing varieties for convenience in handling. A list of entries by brand name is shown in Table B. Names and addresses of entrants are shown in Table C.

Entries were planted in four-row plots 15 to 35 feet long. Plots were replicated four times in a randomized complete block design. In the Southeast, South Central and Northeast districts, 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. In the West Central and West Districts, plots were seeded with an air seeder which planted the same number of seeds for each plot. The population in Dawson and Merrick County was 195,370 seeds/a and in Scotts Bluff County 167,000 seeds/a.

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 that have reached their mature pod color. Five to ten days of drying weather are required after "maturity" before the soybeans have less than 15% moisture.

Plant height is the average length in inches of plants from the ground to the tip of the main stem at the time of maturity. Lodging is rated at maturity according to the following scores: 1 = Almost all plants erect, 2 = All plants leaning slightly, or a few plants down, 3 = All plants leaning moderately (45^0), or 25% to 50% of the plants down, 4 = All

plants leaning considerably, or 50% to 80% of the plants down, 5 = Almost all plants down.

Protein and oil content were obtained at all locations in 1995. These are reported on a 13% moisture basis and will appear lower than many reported figures. Conversions can be made to 0% by multiplying the protein or oil by 1.15. Estimated Processed Value (EPV) is calculated from the protein and oil content and the January, 1995 Chicago Board of Trade futures prices for soybean oil ($0.250/lb.) and 44 percent protein soybean meal ($150.00/ton).

EPVA is calculated on an acre basis by multiplying the yield (bu/acre) times the EPV/bu. The University of Nebraska Soil and Plant Analytical Lab did the protein and oil content analyses and we thank them for their cooperation.

Rainfall data was taken for four tests at two locations. The two sites were at Nemaha and Saunders Counties. The rainfall and temperatures at the other sites were obtained from the nearest weather station. These data were furnished by the Department of Agricultural Meteorology and the data are reported on page 9.

PERFORMANCE

Entries generally are listed in tables in order of decreasing yield. Average performance of varieties included in trials for five years in each area is shown in Table D. These data give an indication of year effects on yield, maturity, lodging, plant height and seed size.

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. A simple way of thinking of these differences is that if all the plots had been the same variety, that would be the difference that would have been measured. In zones with multiple locations, the top variety in each location is marked with a ** and those varieties not significantly different than the top variety are marked with a *. 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.

Period-of-years data for varieties include two-, three-, four-, and five-years averages. When comparing varieties, it is important to observe their performance for more than one year. Comparisons are best if they are done over the largest possible number of years.

RESULTS AT INDIVIDUAL LOCATIONS

Northeast (Pages 20 - 27)

Two tests were planted at one location in Dixon County. Precipitation was above normal for the months of April and May, therefore planting was delayed until June 15th. Below normal precipitation and above normal temperatures were experienced during late June, July, and August. An early frost ended the growing season on September 21st, before the soybean plant was mature. Both tests were harvested October 16th.

East/South Central (Pages 28 - 35)

Six test at three locations were planted in Saunders, Clay, and Furnas Counties. The Saunders County site was planted May 22nd and harvested October 4th and October 9th. Below normal moisture for July and August kept the beans short and hurt yields. The early varieties averaged 20.6 bushels per acre, and the late varieties averaged 22.0 bushels per acre. At Clay County the field was ridge shaved and then slot planted on May 20th. The plot was hand weeded, although weed pressure was low. The early maturing varieties averaged 53.0 bushels per acre and had very few immature soybeans. The late maturing varieties averaged 52.8 bushels per acre but had a much higher rate of immature soybeans due to the September 21st freeze. The Furnas County test was planted June 1st and harvested October 11th. A herbicide treatment applied June 15th caused some injury to the soybeans which delayed plant development. The early varieties averaged 48.4 bushels per acre and the lates averaged 49.9 bushels per acre.

Southeast (Pages 36 - 43)

There were four tests at two location in Nemaha and Fillmore County. The Nemaha County test was planted May 31st and harvested October 10th and 11th. An inch of rain right after planting caused some crusting and emergence problems in some areas of the field. Most of the plots emerged normally, but a few of the plots had to be discarded. Some much needed rain in August helped the early varieties to average 50.6 bushels per acre while the late varieties averaged 50.0 bushels per acre. The September 21st freeze had little effect on this plot. The Fillmore County test was planted May 10 using a sidewinder tiller to blank plant. The plots were hand weeded due to some late season weed pressure. The early varieties averaged 58.5 bushels per acre and the late varieties averaged 50.2 bushels per acre. The early freeze hurt the overall seed quality, with the most damage in the late maturing varieties.

Far West (Page 44)

There was one test at Scotts Bluff County. This test was irrigated. After a wet spring this test had a favorable growing season. The growing season ended September 21st with a killing freeze. There wasn't any lodging.

Central Irrigated (Pages 45 - 47)

Tests were planted in Dawson and Merrick County. The Dawson County test was planted May 21st and harvested October 12th. This test was ridge tilled and furrow irrigated. This test averaged 45.8 bushels per acre. The Merrick County test was planted May 25th with conventional tillage practices. This test was harvested October 17th and averaged 39.5 bushels per acre.

CULTURAL PRACTICES

Dixon: Crop history: 1994: corn. The herbicides used were 1.5 pt Treflan PPI and 4 oz of Pursuit, 8 oz of Select were post applied with 1 qt/25 gal of COC and 1 qt of 28%N. Tillage program: fall plowed and field cultivated twice to incorporate the herbicide. This plot was also hand weeded.

Fillmore: Crop history: Corn for several years. Tillage program: conventional till. Herbicide: Treflan. This test was hand weeded.

Clay: Crop history: 1993: soybeans 1994: corn The herbicides used were 7 oz Canopy + 1 qt. Duel8E + 1 pt Roundup. Tillage program: Ridge-till. Shaved ridges on May 20th then slot planted on ridges May 22nd.

Merrick: Crop history: 1993: soybeans 1994: corn Herbicide: 1.25 pt. Pursuit Plus banded. Tillage program: convention till.

Nemaha: Crop history: 1994: wheat. The herbicides used were 7 oz Canopy and 2.4 pt Prowl. Tillage program: conventional-till. Hand weeded as needed.

Saunders: Crop History: 1993: soybeans 1994: Corn. The herbicide used was Prowl (2.4 pt). Field preparation: field cultivated just prior to planting. This test was cultivated once and hand weeded as needed.

Furnas: Crop history: 1993: corn 1994: corn. The herbicide used was 3 oz Select and 1.44 oz Pursuit DG + 2/3 gal. 28%N + 1 qt COC, applied post on June 15th. Field preparation: disked twice and tilled.

Dawson: Crop history: 1993: soybeans 1994: corn. The herbicides were 24 oz of Broadstrike + Dual in a 20" band. Soil applied inoculum 6.0 oz/1000 ft of row. Tillage program: ridge till.

ScottsBluff: Crop history: 1993: amaranth 1994: potatoes and onions. Fertilizer: 10 lbs N, 24 lbs P, 7 lbs S, and .5 lbs Zn at planting. No herbicide was used.

Weather data for 1995 in counties where Soybean plots were located. Monthly average of daily high and low temperatures and rainfall.

Month	County														
	Dixon			Saunders			Clay			Furnas			Merrick		
	High	Low	Rain	High	Low	Rain	High	Low	Rain	High	Low	Rain	High	Low	Rain
May	64.6	44.7	7.39	66.4	46.6	5.17	64.0	45.2	7.51	60.9	40.1	4.02	63.7	45.8	5.21
June	78.9	58.1	1.73	81.6	60.3	0.96	80.6	58.0	2.13	77.6	50.4	3.30	80.0	58.4	2.03
July	86.4	61.8	0.32	88.5	64.0	0.67	89.0	62.2	2.32	87.8	55.4	2.13	87.0	61.8	1.13
Aug.	85.5	65.2	2.13	84.1	67.5	1.75	87.4	65.9	2.40	91.4	59.1	0.84	85.9	65.7	1.57
Sept.	71.5	47.7	2.74	75.3	50.1	2.02	74.8	49.4	0.43	74.9	44.9	0.90	74.5	47.6	1.54

Month	County											
	Nemaha			Fillmore			Dawson			Scotts Bluff		
	High	Low	Rain	High	Low	Rain	High	Low	Rain	High	Low	Rain
May	75.7	50.4	8.58	64.6	45.6	8.05	63.2	45.5	4.26	59.3	40.3	4.60
June	85.3	64.0	1.00	80.9	58.7	1.77	80.4	58.8	1.28	77.0	51.8	3.91
July	85.3	60.0	1.40	89.5	63.5	3.79	89.9	63.4	1.67	87.3	56.4	2.86
Aug.	86.5	61.3	4.05	87.5	66.5	2.82	91.4	66.7	1.34	89.7	57.1	1.10
Sept.	79.4	52.6	0.89	75.4	49.8	0.66	75.8	50.1	2.13	76.1	45.0	1.26

1995 Soybean Variety Testing Locations

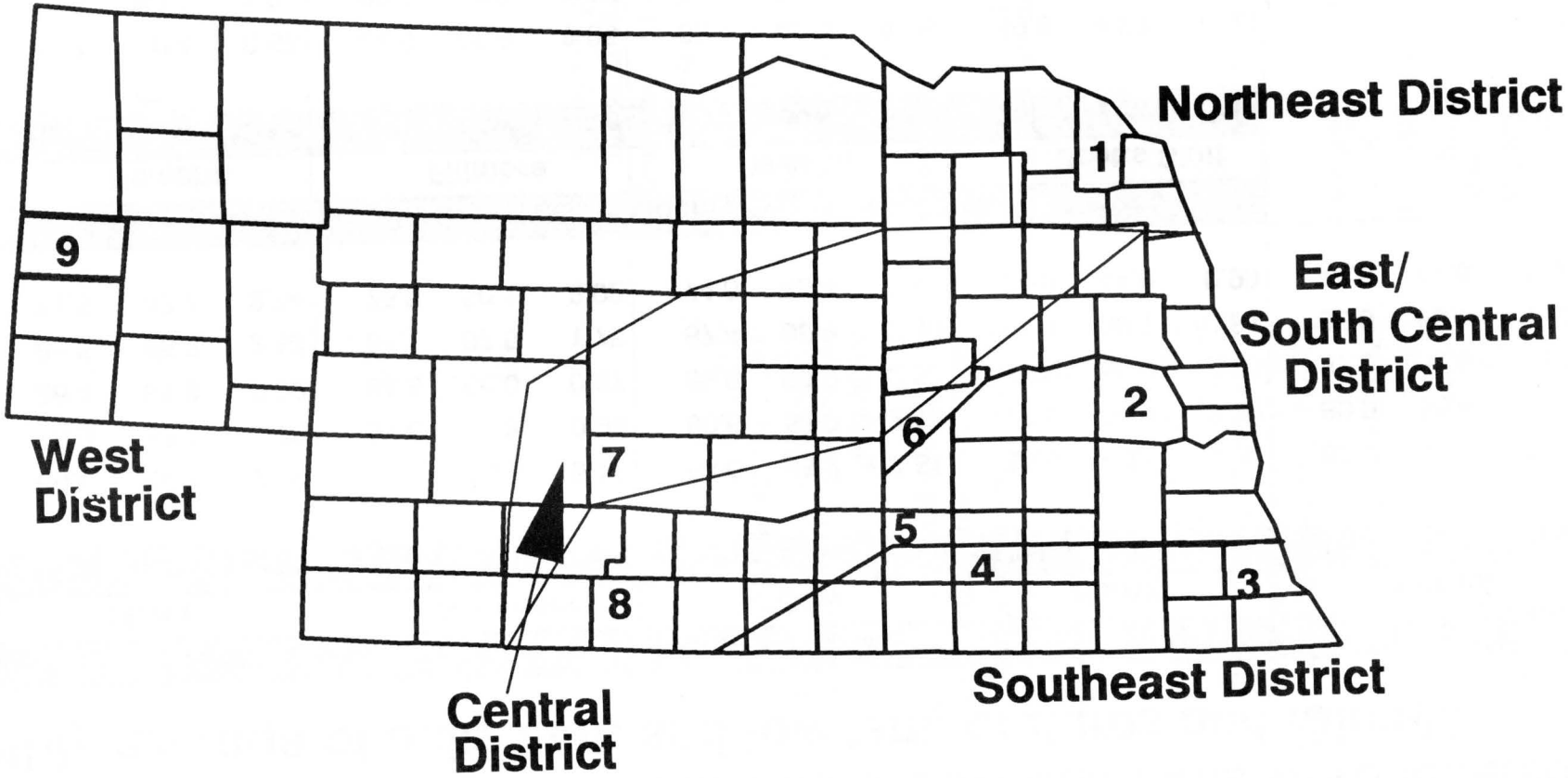

Table A. Locations. Nebraska Soybean Performance Tests. 1995.

Location/Cooperator	Soil Type/Herbicide	Condition	Test	Planted	Harvested	Average yield bu/A	Mat–yield correlation r
Northeast District							
Dixon County	Baltic silty clay loam	Dryland	Early	June 15	Oct. 16	32.3	–0.29*
Northeast Research & Extension Center	Treflan, Pursuit, & Select	Dryland	Late	June 15	Oct. 16	33.4	0.03
East/South Central District							
Saunders County	Sharpsburg silty clay loam	Dryland	Early	May 22	Oct. 4	20.6	0.60**
Robert Paseka, Prague	Prowl	Dryland	Late	May 22	Oct. 9	22.0	0.30**
Furnas County	Cozad silt loam	Irrigated	Early	June 1	Oct. 11	48.4	----
Jerry Hoffman, Holbrook	Pursuit DG, & Select	Irrigated	Late	June 1	Oct. 11	49.9	----
Clay County	Hastings silt loam	Irrigated	Early	May 22	Oct. 20	53.0	----
South Central Research & Extension Center	Duel, Canopy, Roundup	Irrigated	Late	May 22	Oct. 25	52.8	----
Southeast District							
Nemaha County	Zook silty clay loam	Dryland	Early	May 31	Oct. 10	50.6	0.20**
Fred Gouchat, Brock	Canopy & Prowl	Dryland	Late	May 31	Oct. 11	50.0	0.13NS
Fillmore County	Crete silt loam	Irrigated	Early	June 10	Oct. 10	58.5	----
Rick Hughes, Geneva	Treflan	Irrigated	Late	June 10	Oct. 12	50.2	----
Central Irrigated District							
Merrick County	Brocksburg loam	Irrigated	----	May 25	Oct. 17	39.5	----
Dale Nielson, Chapman	Pursuit Plus						
Dawson County	Cozad & Hall silt loam	Irrigated	----	May 21	Oct. 12	45.8	----
Brian Edeal, Overton	Broadstrike + Dual banded						
Far West District							
Scotts Bluff County	Tripp fine sandy loam	Irrigated	----	June 1	Oct. 3	28.0	0.24NS
Panhandle Reseach & Extension Center	none used						

*, ** significant at the 5% and 1% level, respectively. Negative r values indicate that early varieties were higher yielding.

Table B. Entries. Nebraska Soybean Performance Tests – 1995

BRAND	ENTRIES
Public Entries	A91–607024, A91–607052, CHAPMAN, CHARLESTON, COLFAX, CONRAD, CORSICA, DUNBAR, EDISON, HAMILTON, HOBBIT 87, HOLT, IA3003, KENWOOD 94, IROQUOIS, MACON, PELLA 86, PIATT, PROBST, RESNIK, STURDY, U91–2527, U91–3607, U91–3610, U92–2426, U92–3604, YALE,
AGRIPRO SEEDS	AP3355
C & D SEEDS	CD 205, CD 222, CD273
DEKALB GENETICS	CX232, CX267, CX278, CX291, CX313, CX314, CX368, CX377, CX399
DESOY	D–2404, D–2515, D–2525, D–2777, D2818+, D–2909, D–2929, D–3013, D–3030, D–3232, D–3303, D–3303+, D–3505, D–3505B, D–3525, D–3636, D–3727, D–3919
DYNA–GROW	3303, 3368, D.G. 3200, D.G. 3240, D.G. 3260, D.G. 3280, D.G. 3340
FONTANELLE	2293, 3311
HOEGEMEYER	206, 225, 232, 292, 305, 315, 350, 365, 380, 401
HY–VIGOR	2050, 2400, 3990
ICI	D236, D260, D284, D321, D337, D371, D396,
JACOBSEN	Big Red, J742, J750, J756, J844, J858, J941, J952, J953
KAUP SEED	KS 2164, KS 2265, KS 2547, Ks 2665, KS 2722, KS 2865, KS 3047, KS 3464, KS 3632
KRUGER	K–2625, K–2666, K–2690, K–2790, K–2818+, K–2929, K–3013, K–3030, K–3131, K–3232, K–3333, K–3434, K–3505, K3555, K–3606, K–3636, K–3727, K–3769+, K–3919, K–4004, K–4040, K–4101+
LATHAM	390, 480, 580, 610, 660, 680, 720, 841, 920, 960, 1080, 1140, EX–950
LEWIS HYBRIDS	305, 322
LYNKS SEEDS	5298, 5318, 5373, 5415
MERSCHMAN	APACHE V, CHICHASAW III, EISENHOWER III, FILLMORE IV, HOOVER III, KENNEDY IV, MOHAVE II, MOHEGAN II, SAUK V, SHAWNEE V, TRUMAN IV
MIDLAND	8325, 8355, XP281
M/W GENETICS	G 2150, G 2440, G 2540, G 2818 G 2955, G 3100, G 3222, G 3410, G 3880
MYCOGEN	339, 360, J–291
OHLDE (M/W GEN)	2650, 2825, 2930, 2997, 3010, 3250, 3374, 3580, X602, X674, X804, X819
PRAIRIE BRAND	PB–214, PB–232, PB–236X, PB–247, PB–272, PB–274B, PB–285, PB–330, PB–384, PB–2120, PB–2620
ROLLING MEADOWS	9422, 9427, 9431, 9526, 9529, 9536
SANDS	SOI 217, SOI 237, SOI 259, SOI264, SOI 306, SOI 333, SOI 363, EXP 268A, EXP 269, EXP 362 EXP 9431, EXP 9524, EXP 9532, EXP 9628, EXP 9635
SEXAUER	SX–2351, SX–2390, SX–2561, SX–2785, SX–2861, SX–2961, SX–3261, SX–3441
STAR SEED INC	CELEBRITY, EXPRESS
STINE	2560, 2660, 2665, 2780, 3171, 3275, 3570, 3630, 3660
TERRA	E285, E315, E364, E374, E415, TORCH, TS200, TS253, TS294, TS312, TS345, TS393, TS402
WILLCROSS	92, 9532
WILSON	2204, 2840, 3250, E4252

Table C. Entrants. Nebraska Soybean Performance Tests. 1995

Brand	Entrant	Address
AgriPro Seeds	AgriPro Seeds Inc.	RR2, Ames, Iowa 50010
C & D Seeds	C & D Seeds	Box 328, Laurel, NE 68745
Dekalb	Dekalb Genetics Corporation	3100 Sycamore Rd., Dekalb, IL 60115
Desoy	Dennis Ewing Farm Seed	3903 Squaw Rd., Ames, IA 50014
Dyna Grow	UAP Seeds Dyna Grow	Box 80, Wall Lake, IA 51466
Fontanelle	Fontanelle Hybrids	Box 18, Nickerson, NE 68044
Hoegemeyer	Hoegemeyer Hybrids	Box 126, Hooper, NE 68031
Hy–Vigor	Hy–Vigor Seeds	4970 Redwood, Paullina, IA 51046
ICI	ICI Seeds	6945 Vista Dr., West Des Moines, IA 50266
Jacobsen	Jacobsen Hybrid Corn Co., Inc.	Box 379, Lake Veiw, IA 51450
Kaup Seed Co.	Kaup Seed Company	133 W. Park St., West Point, NE 68788
Kruger	Kruger Seed Company	Box A, Dike, IA 50624
Latham	Latham Seed Company	131 180th St., Alexander, IA 50420
Lewis	Lewis Hybrids, Inc.	Box 38, Ursa, IL 62376
Lynks Seeds	Lynks Seeds	Box 637, Marshalltown, IA 50158
Merschman	Merschman Seeds	103 Ave. D, West Point, IA 52656
Midland Seeds	Midland Seeds, Inc.	980 Hwy 15, Hope, KS 67451
M/W Genetics	Midwest Seed Genetics, Inc.	Box 518, Carroll, IA 51401
Mycogen	Mycogen Plant Sciences	720 Croix St., Prescott, WI 54021
Ohlde	Ohdle Seed Farms, Inc.	Box 63, Palmer, KS 66962
Prairie Brand	Prairie Brand Seed Company	15 X Ave., Story City, IA 50248
Rolling Meadows	Rolling Meadows, Inc.	2206 Fort, Denison, IA 51442
Sands	Sand Seed Service, Inc.	Box 648, Marcus, IA 51035
Sexauer	The Sexauer Company	Box 448, Norfolk, NE 68701
Star Seed	Star Seed Inc.	Box 504, Beloit, KS 67420
Stine	Stine Seed Company	2225 Laredo Trail, Adel, IA 50003
Terra	Terra International, Inc.	Box 6000, Sioux City, IA 51102
Willcross	King City Seed & Storage Inc.	Box 666 King City, MO 64463
Wilson	Wilson Seeds, Inc.	Box 391, Harlan, IA 51537

Table D. Soybean performance. Average for entries common over years within tests. Five years. 1991–1995.

Test	Year	Yield bu/A	Mature date	Lodging score	Height inches	Seeds /pound	Bushel weight	Protein %	Oil %	EPVA $/A
Northeast										
Early (8 entries)	1991	49.5	9–12	1.6	35	2882	----	35.4	18.2	320.37
	1992	50.9	10– 3	2.7	36	2654	----	35.9	17.5	328.87
	1993	47.8	10– 2	1.1	34	3320	----	35.3	16.8	300.67
	1994	70.8	9–22	2.9	38	2381	----	35.5	18.5	448.63
	1995	32.5	----	----	24	3381	----	34.0	19.1	203.93
Late (5 entries)	1991	51.7	9–14	1.7	38	2675	----	35.4	18.2	335.72
	1992	43.0	10– 5	2.9	40	2438	----	35.9	17.5	278.04
	1993	39.3	10– 4	1.0	34	3564	----	34.6	16.5	241.31
	1994	69.9	9–28	1.5	40	2314	----	35.3	18.6	441.89
	1995	32.6	----	----	29	3214	----	33.7	18.5	200.50
East/South Central										
Early (7 entries)	1991	56.1	9–18	1.0	36	2534	57.9	34.3	19.1	361.61
	1992	47.0	9–24	1.6	30	2601	56.4	34.5	18.5	299.87
	1993	50.4	9–24	1.4	31	2706	55.7	35.5	18.7	329.70
	1994	54.1	9–10	1.6	40	2625	55.0	35.5	18.8	344.80
	1995	40.4	9–22	1.1	30	2673	55.9	34.8	19.2	257.36
Late (6 entries)	1991	54.2	9–21	1.1	36	2647	58.0	35.3	19.4	351.68
	1992	46.3	10– 1	1.5	28	2652	58.2	34.4	18.3	294.31
	1993	47.4	9–29	1.4	32	3019	57.2	35.3	18.2	306.76
	1994	62.0	9–20	1.7	41	2542	55.7	35.5	18.7	394.58
	1995	39.0	9–29	1.3	29	2842	57.3	34.9	18.8	246.37
Southeast										
Early (4 entries)	1991	66.7	9–20	2.2	41	2648	58.3	35.2	18.3	431.54
	1992	44.2	9–16	1.1	34	2833	57.3	35.7	17.9	287.00
	1993	49.2	9–28	1.6	35	2818	57.3	36.0	18.7	322.93
	1994	48.8	9–18	2.1	32	2480	55.0	35.6	19.2	314.95
	1995	54.0	9–30	1.4	36	2860	57.0	35.4	19.5	349.28
Late (12 entries)	1992	42.3	9–20	1.1	32	2919	56.9	35.3	18.1	273.61
	1993	52.1	10– 2	2.2	34	2887	56.8	36.0	18.4	340.78
	1994	52.6	9–22	2.2	31	2515	55.7	35.3	19.1	336.21
	1995	48.9	10– 1	1.6	34	2913	57.4	34.5	18.6	305.93

Soybean Variety Characteristics 1995

Brand	Variety	Pod color	Hilum color	Phytophthora Race 1	Phytophthora Race 4	Flower color	Growth habit	Maturity group	Chlorosis score
-----	CHAPMAN	Br	Ib	R	R	P	I	2M	2
-----	CHARLESTON	Tn	Bl	S	S	P	D	3E	2
-----	COLFAX	Tn	Bf	M	M	W	D	2M	1.9
-----	CONRAD	Tn	Br	S	S	P	I	2M	1.8
-----	CORSICA	Tn	G	S	S	P	I	4E	2.1
-----	DUNBAR	Br	Ib	R	R	P	I	3E	1.6
-----	EDISON	Tn	Bl	R	R	P	I	3M	1.8
-----	HAMILTON	Br	Bf	S	S	W	I	3M	2.4
-----	HOBBIT 87	Tn	Bl	R	R	W	D	3E	2.5
-----	HOLT	Br	Bf	S	S	W	I	2E	1.7
-----	IA2021	Br	Bl	R	R	W	I	2E	2.1
-----	IA2022	Br	Bl	S	S	P	I	2L	2.5
-----	IA3003	Br	Bl	S	S	P	I	2L	2.5
-----	IROQUIS	Br	Ib	R	S	P	I	3E	2
-----	KENWOOD 94	Br	Bl	S	M	P	I	2E	2.2
-----	MACON	Br	Bl	S	S	W	I	3L	2
-----	ODELL	Tn	Bf	S	S	P	I	3M	1.7
-----	PELLA 86	Tn	Bl	R	R	P	I	3E	2.7
-----	PIATT	Tn	Bf	R	S	W	I	3L	2
-----	PROBST	Tn	Bl	R	R	P	I	3L	2.6
-----	RESNIK	Tn	Bl	R	R	P	I	3E	2.3
-----	STURDY	Br	Ib	R	S	P	I	1L	2.2
-----	U91-3607	Tn	Bf	S	S	W	I	3M	2
-----	U92-2426	Br	Bf	–	–	P	I	2M	1.6
-----	U92-3604	Tn	Bf	–	–	P	I	3E	1.7
-----	YALE	Tn	Bf	X	X	W	I	3L	2.2
AGRIPRO SEEDS	AP3355	Tn	Bl	R	R	P	I	3	2
C & D SEEDS	CD205	Tn	Br	S	S	P	I	2	1.8
C & D SEEDS	CD222	Tn	Br	S	S	W	I	2	2.5
C & D SEEDS	CD273	Br	Ib	S	S	P	I	2	1.9
DEKALB Genetics	CX232	Br	Br	S	S	P	I	2	2
DEKALB Genetics	CX267	Tn	G	R	S	P	I	2	1.9
DEKALB Genetics	CX278	--	G	R	S	P	I	2	1.9
DEKALB Genetics	CX291	Tn	Y	R	S	W	I	2	1.8
DEKALB Genetics	CX313	Tn	Ib	R	S	P	I	3	1.9
DEKALB Genetics	CX314	Br	Br	S	S	W	I	3	2.3
DEKALB Genetics	CX368	--	Bl	R	S	W	I	3	2.1
DEKALB Genetics	CX377	Tn	Bl	R	S	W	I	3	1.4
DEKALB Genetics	CX399	Tn	Bl	R	S	W	I	3	1.9
DE SOY	D-2404	Tn	Br	S	S	W	I	2	2.6
DE SOY	D-2515	Br	Br	S	S	W	I	2	2.6
DE SOY	D-2525	Br	Br	S	S	P	I	2	2.7
DE SOY	D-2777	Tn	Bl	R	R	P	I	2	2.3
DE SOY	D-2818+	Tn	Br	R	S	W	I	2	2.4
DE SOY	D-2909	--	--	S	S	–	I	2	2.3
DE SOY	D-2929	Br	Br	R	S	W	I	2	2.2
DE SOY	D-3013	Br	Bl	S	S	P	I	2	2.2
DE SOY	D-3030	Tn	Br	S	S	P	I	2	2.2
DE SOY	D-3232	Br	Bl	S	S	P	I	3	2
DE SOY	D-3303	Tn	Br	R	R	P	I	3	2.4
DE SOY	D-3303+	Br	Br	S	S	W	I	3	1.7
DE SOY	D-3505	Br	Br	S	S	P	I	3	2.4
DE SOY	D-3505B	Br	Bf/Br	S	S	W/P	I	3	1.8
DE SOY	D-3525	Tn	Bf	S	S	P	I	3	1.9

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Soybean Variety Characteristics 1995. Page 2

Brand	Variety	Pod color	Hilum color	Phytophthora Race 1	Phytophthora Race 4	Flower color	Growth habit	Maturity group	Chlorosis score
DE SOY	D–3636	Br	Bl	R	R	W	I	3	2.1
DE SOY	D–3727	Br	Bl	S	S	W	I	3	1.8
DE SOY	D–3919	Tn	Br	S	S	P	I	3	2.3
DYNA–GRO	3303	Br	Br	R	S	P	I	3	2.3
DYNA–GRO	3368	Br	Br	R	–	P	I	3	2.2
DYNA–GRO	D.G. 3200	Br	Bf	S	S	W	I	2	2
DYNA–GRO	D.G. 3240	Br	Bf	S	S	P	I	2.4	1.7
DYNA–GRO	D.G. 3260	– –	Bl	S	S	P	I	2.6	2.3
DYNA–GRO	D.G. 3280	– –	Br	S	S	P	I	2.8	2
DYNA–GRO	D.G. 3340	– –	Bl	S	S	W	I	3.4	2.2
FONTANELLE	2293	Tn	Br	R	R	W	I	3	1.7
FONTANELLE	3311	Br	Br	R	R	P	I	3	2.3
HOEGEMEYER	206	Tn	Bf	X	X	W	I	2	2
HOEGEMEYER	225	Tn	Br	X	X	W	I	2	2.2
HOEGEMEYER	232	Br	Br	X	X	P	I	2	2.3
HOEGEMEYER	292	Br	Br	X	X	W	I	2	2
HOEGEMEYER	305	Br	Br	X	X	P	I	3	2.2
HOEGEMEYER	315	Br	Bl	X	X	W	I	3	1.8
HOEGEMEYER	350	Tn	Bl	X	X	P	I	3	2.3
HOEGEMEYER	365	Br	Br	X	X	P	I	3	2.3
HOEGEMEYER	380	Br	Br	X	X	P	I	3	1.8
HOEGEMEYER	401	Tn	Br	X	X	P	I	4	2.8
HY–VIGOR	2050	Tn	Br	S	S	W	I	2	1.8
HY–VIGOR	2400	Br	Bl	S	S	P	I	2	1.9
HY–VIGOR	3990	Tn	Bl	S	S	W	I	3E	2.1
ICI	D236	Tn	Bl/Br	S	S	W	I	2.3	1.6
ICI	D260	Tn	Br	S	S	P	I	2.5	2.8
ICI	D284	Br	Br	S	S	W	I	2.8	1.6
ICI	D321	Br	Br	R	S	P	I	3.2	2.1
ICI	D337	Tn	Bl	R	R	P	I	3.3	2.4
ICI	D371	Br	Br	R	S	P	I	3.7	1.8
ICI	D396	Br	Br	S	S	P	I	3.9	2
JACOBSEN	BIG RED	Tn	Br	S	S	W	I	2	2.4
JACOBSEN	J742	Tn	Bf	S	S	W	I	2	2.2
JACOBSEN	J750	Tn	Br	S	S	W	I	2	2.2
JACOBSEN	J756	Tn	Br	S	S	W	I	2	2.1
JACOBSEN	J844	Tn	Br	S	S	P	I	2	1.9
JACOBSEN	J858	Br	Bf	S	S	P	I	2	1.8
JACOBSEN	J941	Br	Br	R	S	P	I	3	3.9
JACOBSEN	J952	Br	Bl	S	S	P	I	3	2.5
JACOBSEN	J953	Br	Br	S	S	W/P	I	3	2.3
KAUP SEED	KS 2164	Tn	Bf	S	S	W	I	2	2.3
KAUP SEED	KS 2265	Tn	Br	S	S	W	I	2	2
KAUP SEED	KS 2547	Tn	Br	S	S	P	I	2	1.7
KAUP SEED	KS 2665	Tn	Br	S	S	W	I	2	1.7
KAUP SEED	KS 2722	Br	Ib	S	S	P	I	2	2.2
KAUP SEED	KS 2865	Br	Bf	R	S	P	I	2	2.5
KAUP SEED	KS 3047	Br	Br	R	S	P	I	3	1.8
KAUP SEED	KS 3464	Br	Br	R	S	W	I	3	2.5
KAUP SEED	KS 3632	Br	Br	R	S	P	I	3	2
KRUGER	K–2625	Tn	Br	S	S	W/P	I	2	2.4
KRUGER	K–2666	Tn	Br	S	S	W/P	I	2	2.2
KRUGER	K–2690	Br	Br	S	S	P	I	2	2
KRUGER	K–2790	Br	Ib	S	S	P	I	2	2.6

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Soybean Variety Characteristics 1995. Page 3

Brand	Variety	Pod color	Hilum color	Phytophthora Race 1	Phytophthora Race 4	Flower color	Growth habit	Maturity group	Chlorosis score
KRUGER	K-2818+	Tn	Br	R	S	W	I	2	3
KRUGER	K-2929	Br	Br	R	S	W	I	2	2.6
KRUGER	K-3013	Br	Bl	S	S	P	I	2	2.1
KRUGER	K-3030	Tn	Br	S	S	P	I	2	1.9
KRUGER	K-3131	Br	Bl	S	S	W	I	3	1.8
KRUGER	K-3232	Br	Bl	S	S	P	I	3	2.8
KRUGER	K-3333	Br	Br	S	S	P	I	3	2
KRUGER	K-3434	Br	Br	R	S	P	I	3	2.3
KRUGER	K-3505	Br	Br	S	S	W/P	I	3	2.5
KRUGER	K-3555	Br	Br	S	S	W	I	3	2.5
KRUGER	K-3606	Br	Br	S	S	W	I	3	2.5
KRUGER	K-3636	Tn	Bl	R	R	W	I	3	1.9
KRUGER	K-3727	Br	Bl	S	S	W	I	3	1.8
KRUGER	K-3769+	Br	Br	R	S	P	I	3	2.1
KRUGER	K-3919	Tn	Br	S	S	P	I	3	2.7
KRUGER	K-4004	Tn	Bl	S	S	P	I	4	1.8
KRUGER	K-4040	Br	Bl/Br	S	S	W	I	4	2.3
KRUGER	K-4101+	Br	Bl	S	S	P	I	4	2.1
LATHAM	1080	Br	Br	S	S	P	I	3	2.2
LATHAM	1140	Br	Br	R	S	P	I	3.1	1.8
LATHAM	390	Tn	Br	S	S	W	I	2	1.9
LATHAM	480	Tn	IB	S	S	P	I	2	2.3
LATHAM	580	Tn	Bl	S	S	P	I	2.2	1.7
LATHAM	610	Tn	Y	S	S	P	I	2	1.9
LATHAM	660	Tn	Br	S	S	P	I	2.4	2.6
LATHAM	680	Tn	Bl	S	S	W	I	2.5	2.4
LATHAM	720	Br	Bl	S	S	P	I	2.7	2.3
LATHAM	841	Br	Bf	S	S	P	I	2.8	1.9
LATHAM	920	Tn	Bl	S	S	P	I	2.9	1.9
LATHAM	960	Br	G	S	S	P	I	3	1.8
LATHAM	EX-950	Tn	G	S	S	P	I	2.8	1.9
LEWIS HYBRIDS	305	Br	Br	R	S	P	I	3	2.2
LEWIS HYBRIDS	322	Br	Br	S	S	W/P	I	3	2.3
LYNKS SEEDS	5298	Br	Br	R	S	P	I	2L	2.3
LYNKS SEEDS	5318	Br	Ib	R	S	P	I	3	2.3
LYNKS SEEDS	5373	Br	Br	R	S	P	I	3M	2.3
LYNKS SEEDS	5415	Tn	Br	S	S	P	I	4	2.4
M/W GENETICS	G 2150	Tn	Bf	S	S	W	I	2	2.3
M/W GENETICS	G 2440	Tn	Br	S	S	P	I	2	1.8
M/W GENETICS	G 2540	Tn	Br	S	S	W	I	2	2.4
M/W GENETICS	G 2818	Br	Bf	S	S	P	I	2	2.4
M/W GENETICS	G 2955	Tn	Br	S	S	P	I	2	1.6
M/W GENETICS	G 3100	Br	Br	R	S	P	I	3	2.1
M/W GENETICS	G 3222	Br	Bl	S	S	W	I	3	2.1
M/W GENETICS	G 3410	Br	Br	S	S	W/P	I	3	2.7
M/W GENETICS	G 3880	Tn	Br	S	S	P	I	3	2.4
MERSHMAN	APACHE V	Tn	Br	S	S	P	I	2	2.7
MERSHMAN	CHICKASAW III	Tn	Br	S	S	P	I	2	2.1
MERSHMAN	EISENHOWER III	Tn	Br	S	S	P	I	3	2.3
MERSHMAN	FILLMORE IV	Br	Br	S	S	W	I	3	2.5
MERSHMAN	HOOVER-III	Br	Br	S	S	P	I	3	2.4
MERSHMAN	KENNEDY-IV	Br	Br	R	S	P	I	3	2.1

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Brand	Variety	Pod color	Hilum color	Phytophthora Race 1	Phytophthora Race 4	Flower color	Growth habit	Maturity group	Chlorosis score
MERSHMAN	MOHAVE II	Tn	Br	S	S	W	I	3	1.8
MERSHMAN	MOHEGAN II	Tn	Bl	S	S	W	I	2	1.4
MERSHMAN	SAUK V	Br/Tn	Br	S	S	P	I	2	2.1
MERSHMAN	SHAWNEE V	Br	Bf/Br	S	S	P	I	2	2.6
MERSHMAN	TRUMAN IV	Br	Br	S	S	W/P	I	3	3.2
MIDLAND	8325	Tn	Br	S	S	P	I	3.2	2.6
MIDLAND	8355	Tn	Ib	S	S	P	I	3.5	2.9
MIDLAND	XP281	Tn	Ib	S	S	P	I	2.6	1.8
MYCOGEN	339	Br	Bl	R	S	P	I	3	1.9
MYCOGEN	360	Br	Br	S	S	P	I	3	2.2
MYCOGEN	J-291	Br	Ib	S	S	P	I	2	2.4
OHLDE (M/W GEN)	2650	--	--	S	S	--	I	2	2.2
OHLDE (M/W GEN)	2825	--	--	S	S	--	I	2	1.8
OHLDE (M/W GEN)	2930	--	--	S	S	--	I	2	2.1
OHLDE (M/W GEN)	2997	--	--	-	-	--	-	-	1.8
OHLDE (M/W GEN)	3010	--	--	S	S	--	I	3	2
OHLDE (M/W GEN)	3250	--	--	S	S	--	I	2	2
OHLDE (M/W GEN)	3374	--	--	S	S	--	I	3	2.3
OHLDE (M/W GEN)	3580	--	--	S	S	--	I	3	2.5
OHLDE (M/W GEN)	X602	--	--	-	-	--	-	-	2.2
OHLDE (M/W GEN)	X674	--	--	-	-	--	-	-	1.8
OHLDE (M/W GEN)	X804	--	--	-	-	--	-	-	2.3
OHLDE (M/W GEN)	X819	--	--	-	-	--	-	-	1.7
PRAIRIE BRAND	PB-2120	Br	Br	S	S	P	I	2	1.8
PRAIRIE BRAND	PB-214	Tn	Ib	S	S	W/P	I	2	1.7
PRAIRIE BRAND	PB-232	Tn	Bf	R	S	P	I	2	1.8
PRAIRIE BRAND	PB-236X	Tn	Br	S	S	W/P	I	2	2.1
PRAIRIE BRAND	PB-247	Tn	Br	S	S	W	I	2	1.9
PRAIRIE BRAND	PB-2620	Tn	Br	S	S	W/P	I	2	2
PRAIRIE BRAND	PB-272	Br	Bl	R	R	P	I	2	1.6
PRAIRIE BRAND	PB-274B	Tn	Br	S	S	W/P	I	2	2.3
PRAIRIE BRAND	PB-285	Tn	Br	S	S	W/P	I	2	2.4
PRAIRIE BRAND	PB-330	Br	Ib	S	S	P	I	3	1.8
PRAIRIE BRAND	PB-384	Br	Bf	R	S	W	I	3	2.4
ROLLING MEADOWS	9422	Tn	Br	S	S	W	I	2	2.5
ROLLING MEADOWS	9427	Br	Ib	S	S	P	I	2	2.7
ROLLING MEADOWS	9431	Br	Br	S	S	P	I	3	1.9
ROLLING MEADOWS	9526	Tn	Bl	-	-	P	I	2	2.4
ROLLING MEADOWS	9529	Br	Bl	-	-	P	I	2	1.8
ROLLING MEADOWS	9536	Tn	Bl	-	-	P	I	3	1.7
SANDS	EXP 268A	Br	Bf	S	S	P	I	2	1.6
SANDS	EXP 269	Tn	Br	S	S	P	I	2	2.1
SANDS	EXP 362	Br	Bl	R	R	P	I	3	1.8
SANDS	EXP 9431	Br	Bl	S	S	P	I	3	2.2
SANDS	EXP 9524	Tn	Ib	R	S	P	I	2	2.3
SANDS	EXP 9532	Tn	Br	R	S	W	I	3	1.8
SANDS	EXP 9628	Br	Bl	R	R	P	I	2	2.1
SANDS	EXP 9635	Tn	Br	S	S	W	I	3	2
SANDS	SOI 217	Br	Ib	S	S	P	I	2	2.2
SANDS	SOI 237	Tn	Br	S	S	P	I	2	1.9
SANDS	SOI 259	Br	Br	S	S	W	I	2	2.1
SANDS	SOI 264	Tn	Br	S	S	W	I	2	2.1
SANDS	SOI 306	Br	Br	R	S	P	I	3	2.6
SANDS	SOI 333	Br	Br	R	S	P	I	3	2.3
SANDS	SOI 363	Br	Br	S	S	W/P	I	3	2.3

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Soybean Variety Characteristics 1995. Page 5

Brand	Variety	Pod color	Hilum color	Phytophthora Race 1	Phytophthora Race 4	Flower color	Growth habit	Maturity group	Chlorosis score
SEXAUER	SX 2351	Br	Bf	R	S	P	I	2	1.9
SEXAUER	SX 2390	Tn	Br	S	S	W	I	2	2
SEXAUER	SX-2561	Br	Bl	R	R	P	I	2	2.1
SEXAUER	SX 2785	Br	Ib	S	S	P	I	2	2.1
SEXAUER	SX-2861	Br	Bl	R	R	P	I	2	1.9
SEXAUER	SX-2961	Br	Br	S	S	P	I	2	1.7
SEXAUER	SX-3261	Tn	Bl	R	S	W	I	3	1.5
SEXAUER	SX 3441	Tn	Bl	R	R	W	I	3	1.9
STAR SEED INC	CELEBRITY	Tn	Bl	X	X	P	I	3	1.9
STAR SEED INC	EXPRESS	Tn	Bf	X	X	P	I	3	2.3
STINE	2560	Tn	Br	S	S	W/P	I	2	2.3
STINE	2660	Tn	Br	R	S	W	I	2	1.9
STINE	2665	Tn	Br	R	S	W/P	I	2	1.8
STINE	2780	Br	Br	S	S	P	I	2	2.3
STINE	3171	Br	Ib	–	–	P	I	2	2
STINE	3275	Br	Bl/Br	–	–	W/P	I	3	2.6
STINE	3570	Br	Br	–	–	W	I	3	2
STINE	3630	Br	Br	–	–	W/P	I	3	3.2
STINE	3660	Br	Br	S	S	W	I	3	2.4
TERRA	E285	Br	Bf	S	–	P	I	2	2.2
TERRA	E315	Br	Bf	R	S	P	I	3	2.1
TERRA	E364	Br	Bf	R	S	W	I	3	1.9
TERRA	E374	Br	Bl	S	S	W	I	3	1.9
TERRA	E415	Br	Br	R	S	W/P	I	4	2.3
TERRA	TORCH	Br	Bl	R	S	P	I	3	2.5
TERRA	TS200	Tn	Bl	S	S	P	I	2	2.1
TERRA	TS253	Tn	Br	S	S	P	I	2	2.2
TERRA	TS294	Br	Ib	R	S	P	I	2	2.2
TERRA	TS312	Br	Br	R	S	P	I	3	1.9
TERRA	TS345	Br	G	R	S	P	I	3	1.9
TERRA	TS393	Tn	Br	S	S	P	I	3	3
TERRA	TS402	Tn	Br	S	S	P	I	4	2.5
WILLCROSS	92	Tn	Br	S	S	P	I	3.9	2.3
WILLCROSS	9532	Tn	Br	S	S	P	I	3.2	2.3
WILSON	2204	Tn	Bf	S	S	W	I	2E	2
WILSON	2840	Br	Br	R	S	P	I	2L	2.3
WILSON	3250	Br	Br	S	S	P	I	3E	1.9
WILSON	E4252	Tn	Bl	R	R	P	–	2M	1.8

1 Pod color: Tn = Tan, Br = Brown
2 Hilum color: Bf = Buff, Bl = Black, Br = Brown, G = Gray, Ib = Imperfect black, Y = Yellow or clear.
3 Phytophthora rating: R = resistant, S = susceptible, X = not tested or data not supplied by entrant, and M = mixed.
4 Iron chlorsis scores: 1=little or no yellowing, 2=slight yellowing, 3=moderate yellowing, 4=intense yellowing, 5=very severe yellowing and dead tissue.
Suceptibility of the entries to iron deficiency chlorosis was evaluated with six replications of plots at Bob Eilts in Central City, with a soil pH of 8.0 and soil type of silt loam.
5 Flower color: W = white, P = purple
6 Growth habit: I = indeterminate, SD = semideterminate, D = determinate

Dixon County Early Maturing Soybean Variety Test – 1995

Brand	Variety	Average bu/a	Height inches	Seeds /lb	Protein %	Oil %	EPVA $/a
DE SOY	D–2404	38.8	26	3610	33.7	19.2	242.11
PRAIRIE BRAND	PB–214	37.7	24	3210	34.2	19.7	240.15
M/W GENETICS	G 2150	37.5	22	3250	34.5	19.6	239.63
M/W GENETICS	G 2440	36.9	24	3640	34.1	18.6	228.41
LATHAM	480	36.3	23	3360	33.9	19.1	226.87
HOEGEMEYER	232	36.1	26	3240	34.4	19.4	229.23
JACOBSEN	J742	36.0	23	3260	32.8	19.5	223.20
MERSHMAN	MOHEGAN II	35.5	22	3340	33.9	19.1	222.23
KAUP SEED	KS 2164	35.2	25	3450	33.1	18.8	215.42
WILSON	2204	34.9	25	3130	33.5	19.5	219.17
JACOBSEN	J750	34.8	25	3480	33.4	19.4	217.15
DE SOY	D–2515	34.8	21	3160	33.3	19.3	216.11
TERRA	TS253	34.5	22	3390	34.0	19.0	215.63
-----	CHAPMAN	34.5	25	3300	34.2	19.0	216.31
KAUP SEED	KS 2265	34.4	22	3430	34.0	18.9	214.31
ICI	D260	34.3	23	3290	33.7	19.3	214.72
STINE	2560	34.2	21	3670	34.0	19.0	213.41
C & D SEEDS	CD273	34.1	32	3350	33.1	19.6	212.78
LATHAM	390	34.0	24	3510	34.2	19.0	212.84
-----	CONRAD	33.8	27	3350	33.7	19.1	210.57
PRAIRIE BRAND	PB–232	33.5	26	3810	32.9	19.1	206.36
LATHAM	680	33.5	25	3570	33.4	19.0	206.70
TERRA	TS200	33.4	22	3270	33.6	19.6	210.75
HOEGEMEYER	225	32.8	22	3290	35.2	19.5	211.23
-----	STURDY	32.8	25	3210	34.1	18.9	205.00
OHLDE(MW Genetc)	X804	32.7	22	3390	35.0	19.7	210.92
DE SOY	D–2777	32.5	22	3570	33.5	18.8	200.20
SANDS	SOI 264	32.4	25	3190	34.3	19.1	203.80
SANDS	SOI 237	32.4	21	3510	34.2	19.5	205.42
PRAIRIE BRAND	PB–2120	32.4	20	3530	33.4	19.3	201.53
ROLLING MEADOWS	9526	32.3	23	3210	34.2	18.9	202.20
SEXAUER	SX–2390	32.2	23	3540	33.4	19.1	199.64
LATHAM	660	32.2	22	3440	34.1	19.2	202.22
PRAIRIE BRAND	PB–2620	32.0	23	3510	33.6	18.8	197.44
-----	KENWOOD 9	32.0	26	3340	33.8	19.1	200.00
HY–VIGOR	2050	31.9	25	3440	34.1	19.0	199.37
DEKALB Genetics	CX232	31.8	23	3440	34.0	18.9	198.11
SEXAUER	SX–2351	31.7	26	3270	33.8	19.4	199.39
KRUGER	K–2690	31.5	23	3350	33.5	19.2	195.93
ICI	D236	31.4	23	3190	33.6	18.8	194.37
HY–VIGOR	2400	31.3	29	3100	33.4	19.3	195.00
HOEGEMEYER	206	31.1	24	3270	33.2	19.5	194.06
PRAIRIE BRAND	PB–247	30.9	25	3400	33.2	19.2	191.58
KRUGER	K–2625	30.9	21	3420	33.9	18.8	191.89

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Dixon County Early Maturing Soybean Variety Test – 1995. Page 2

Brand	Variety	Average bu/a	Height inches	Seeds /lb	Protein %	Oil %	EPVA $/a
DYNA–GRO	D.G. 3200	30.9	23	3180	34.1	19.9	197.14
ROLLING MEADOWS	9422	30.8	22	3320	33.9	19.4	194.04
C & D SEEDS	CD222	30.8	26	3410	34.2	18.9	192.50
PRAIRIE BRAND	PB–236X	30.7	24	3260	34.5	18.9	192.80
KRUGER	K–2666	30.5	27	3460	33.7	19.0	189.10
KAUP SEED	KS 2547	30.5	24	3390	33.9	19.2	190.93
STINE	2665	30.4	24	3390	33.7	19.4	190.91
OHLDE(MW Genetc)	2650	30.0	23	3420	34.6	19.2	190.20
-----	HOLT	29.6	23	3510	33.8	18.8	183.22
LATHAM	610	29.3	20	3180	35.0	18.8	185.18
WILSON	E4252	29.2	22	3250	34.2	19.4	184.84
JACOBSEN	J844	29.0	22	3570	33.9	18.9	180.38
DEKALB Genetics	CX278	28.4	28	3480	33.6	19.4	178.07
SANDS	EXP 9524	28.2	24	3500	34.3	19.0	177.10
OHLDE(MW Genetc)	2825	28.0	23	3610	33.5	19.1	173.60
LATHAM	580	27.9	24	3380	32.2	19.6	171.86
C & D SEEDS	CD205	27.1	19	3020	34.8	18.8	170.46
-----	A91–607052	27.0	22	3220	33.8	19.1	168.75
SEXAUER	SX–2561	25.5	23	3330	34.4	19.1	160.40
Average all entries		32.3	24	3370	33.9	19.2	204.15
Dif. Req. for Sig.	5%	6.4	3	NS	NS	0.5	NS
	25%	3.8	2	NS	0.7	0.3	NS

Northeast Nebraska Early Maturing Soybean Variety Tests – 1991 – 1995

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Protein %	Oil %	EPVA $/a
		Two Year Averages							
M/W GENETICS	G 2440	57.0	9–19	1.3	30	3050	35.0	18.5	359
JACOBSEN	J742	56.8	9–19	2.0	32	2780	34.0	19.1	357
PRAIRIE BRAND	PB–214	55.9	9–19	3.3	32	2730	34.8	19.2	356
KRUGER	K–2690	54.9	9–24	2.0	32	2900	34.6	18.6	344
LATHAM	660	54.7	9–20	1.5	28	2970	34.8	18.8	345
ICI	D260	54.7	9–20	1.8	29	2860	34.7	18.8	345
-----	CHAPMAN	54.3	10– 1	2.8	33	2680	35.1	18.9	346
TERRA	TS253	54.2	9–25	1.8	29	2910	35.0	18.8	344
HOEGEMEYER	232	54.0	9–24	1.8	33	2860	34.8	19.1	343
PRAIRIE BRAND	PB–2120	53.4	9–21	1.3	28	2980	34.5	18.8	336
LATHAM	680	53.3	9–23	2.3	32	3030	34.6	18.7	335
DE SOY	D–2777	53.3	10– 1	2.5	30	2920	34.7	18.6	336
C & D SEEDS	CD273	53.3	9–24	1.5	36	2970	33.9	19.2	334
DEKALB Genetics	CX232	53.2	9–17	1.3	29	2960	34.7	18.8	336
-----	STURDY	53.2	9–24	3.8	33	2760	34.9	18.7	336
ROLLING MEADOWS	9422	52.8	9–21	4.0	31	2910	35.0	19.1	338
PRAIRIE BRAND	PB–232	52.8	9–25	2.0	34	3170	34.0	19.0	331
SEXAUER	SX–2351	52.7	9–23	2.0	35	2890	34.3	19.2	333
SANDS	SOI 237	52.7	9–21	1.8	29	2960	34.9	18.9	333
KRUGER	K–2666	52.3	9–24	2.5	32	2950	34.6	18.8	329
KAUP SEED	KS 2547	52.3	9–22	1.5	30	2970	34.7	18.8	330
HY–VIGOR	2050	52.3	9–20	2.5	33	2970	35.1	18.6	330
HOEGEMEYER	225	52.2	9–21	1.8	29	2900	35.2	19.2	333
HOEGEMEYER	206	52.0	9–19	3.0	32	2800	34.2	19.1	327
C & D SEEDS	CD222	52.0	9–21	3.0	34	2920	35.1	18.6	328
-----	KENWOOD 94	51.8	9–26	4.5	33	2930	34.4	18.8	324
SEXAUER	SX–2390	51.6	9–19	2.5	32	3010	34.4	18.8	325
JACOBSEN	J844	51.5	9–21	2.0	29	3010	34.9	18.9	328
OHLDE(MW Genetc)	2650	51.2	9–21	1.5	30	2900	35.1	18.9	325
-----	CONRAD	50.7	9–22	3.3	33	2890	34.5	18.7	318
OHLDE(M/W Genetc)	2825	50.3	10– 2	2.5	32	3010	34.2	19.1	317
-----	HOLT	47.0	9–14	2.3	29	2940	34.9	18.6	296
Average all entries		52.9	9– 22	2.3	31	2919	34.7	18.9	334
Dif. Req. for Sig.	5%	NS	NS	NS	2	NS	NS	0.3	NS
	25%	1.2	NS	NS	1	89	0.3	0.2	8
		Three Year Averages							
M/W GENETICS	G 2440	54.4	9–26	1.2	30	3140	35.1	18.0	343
PRAIRIE BRAND	PB–214	54.2	9–25	2.2	32	2930	34.9	18.4	343
TERRA	TS253	54.1	9–29	1.4	30	3090	35.0	18.1	341
LATHAM	660	54.0	9–26	1.3	29	3060	34.9	18.3	341
ICI	D260	53.8	9–26	1.4	30	2980	35.0	18.4	342

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Northeast Nebraska Early Maturing Soybean Variety Tests – 1991 – 1995. Page 2

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height Inches	Seeds /lb	Protein %	Oil %	EPVA $/a
		Three Year Averages (Continued)							
PRAIRIE BRAND	PB–2120	53.5	9–27	1.2	29	3110	34.8	18.1	337
DEKALB Genetics	CX232	53.1	9–24	1.2	30	3030	34.8	18.2	335
SANDS	SOI 237	52.9	9–27	1.4	29	3100	34.9	18.2	333
KAUP SEED	KS 2547	51.9	9–27	1.3	30	3170	34.9	18.1	327
SEXAUER	SX–2390	51.4	9–25	1.8	33	3090	34.8	18.0	323
HOEGEMEYER	225	51.2	9–27	1.4	29	3100	35.2	18.5	325
C & D SEEDS	CD222	51.0	9–26	2.2	34	3160	35.2	18.1	323
OHLDE(MW Genetc)	2650	50.8	9–26	1.3	29	3100	35.2	18.2	322
-----	STURDY	50.3	9–28	2.4	34	2880	35.1	18.2	319
-----	CHAPMAN	50.3	10– 3	1.9	33	2840	35.1	18.3	319
-----	KENWOOD 94	49.7	9–29	2.8	34	3110	34.7	18.0	311
-----	CONRAD	49.2	9–28	2.4	34	3150	34.7	17.9	308
-----	HOLT	48.0	9–22	1.7	31	2960	35.1	18.1	304
Average all entries		51.9	9–26	1.7	31	3055	35.0	18.2	328
Dif. Req. for Sig.	5%	NS	2	NS	1	NS	NS	NS	NS
	25%	1.3	1	NS	1	87	NS	NS	8
		Four Year Averages							
LATHAM	660	54.3	9–28	1.4	30	2940	35.1	18.2	345
ICI	D260	53.8	9–28	1.7	31	2900	35.1	18.4	344
SANDS	SOI 237	53.6	9–28	1.4	30	3010	35.1	18.2	340
TERRA	TS253	53.4	9–30	1.6	30	3010	35.1	18.1	339
C & D SEEDS	CD222	51.5	9–28	2.4	34	3110	35.3	18.0	328
HOEGEMEYER	225	51.0	9–28	1.5	30	2980	35.3	18.2	325
-----	STURDY	50.9	9–30	2.5	35	2760	35.4	18.0	325
SEXAUER	SX–2390	50.7	9–27	2.2	34	3110	35.1	17.8	321
-----	KENWOOD 94	50.6	9–30	2.9	35	2970	34.9	18.0	320
-----	CONRAD	49.3	9–30	2.7	35	2990	34.8	17.7	309
-----	HOLT	48.9	9–26	1.9	32	2920	35.5	17.8	312
-----	CHAPMAN	48.9	10– 3	2.3	34	2750	35.4	18.1	313
Average all entries		51.4	9–29	2.1	32	2953	35.2	18.1	327
Dif. Req. for Sig.	5%	NS	NS	0.4	1	152	NS	NS	NS
	25%	1.1	1	0.2	1	87	NS	0.2	7
		Five Year Averages							
SANDS	SOI 237	53.6	9–25	1.4	31	2990	35.1	18.2	342
HOEGEMEYER	225	51.5	9–25	1.4	30	3000	35.4	18.2	330
SEXAUER	SX–2390	50.7	9–23	2.1	34	3070	35.3	17.9	323
-----	STURDY	50.6	9–25	2.3	35	2750	35.4	18.1	325
-----	KENWOOD 94	49.6	9–26	2.9	36	2960	35.0	18.1	315
-----	HOLT	49.1	9–22	1.8	32	2910	35.4	18.0	315
-----	CHAPMAN	48.7	9–28	2.1	34	2720	35.5	18.2	312
-----	CONRAD	48.4	9–26	2.3	35	2990	34.7	17.7	303
Average all entries		50.3	9–25	2.0	33	2924	35.2	18.0	321
Dif. Req. for Sig.	5%	NS	NS	0.3	1	140	NS	NS	NS
	25%	1.1	1	0.2	1	80	0.2	0.2	7

Dixon County Late Maturing Soybean Variety Tests – 1995

Brand	Variety	Average bu/a	Height inches	Seeds /lb	Protein %	Oil %	EPVA $/a
LATHAM	841	39.4	22	3250	34.5	19.0	247.83
KRUGER	K–2818+	37.9	25	3500	33.3	18.4	230.43
PRAIRIE BRAND	PB–274B	37.8	26	3560	34.1	18.6	234.36
OHLDE(MW Genetc)	2930	37.7	27	3390	34.4	19.0	237.51
MYCOGEN	J–291	36.3	29	3590	32.7	19.0	222.16
PRAIRIE BRAND	PB–285	35.9	27	3460	33.7	18.4	220.07
KAUP SEED	KS 2722	35.8	28	3540	33.4	18.9	220.89
-----	U92–2426	35.8	26	3400	34.5	18.3	221.60
-----	STURDY	35.8	27	3170	33.9	18.3	219.45
-----	U91–2527	35.8	28	3230	33.9	18.9	222.68
-----	KENWOOD 94	35.7	29	3200	33.8	18.6	220.27
TERRA	TS253	35.6	24	3660	34.6	19.5	227.48
TERRA	TS294	35.5	30	3880	33.1	18.3	214.78
TERRA	E285	35.4	23	3270	33.8	18.6	218.06
-----	A91–607024	35.3	32	3270	33.6	18.6	217.09
SEXAUER	SX–2785	35.2	30	3740	33.5	18.5	215.42
ROLLING MEADOWS	9427	35.1	30	3480	33.6	19.1	218.67
-----	A91–607052	35.0	26	3170	33.0	19.1	215.60
MERSHMAN	APACHE V	34.7	25	3270	34.1	18.9	216.53
FONTANELLE	2293	34.7	29	3440	34.3	18.6	215.83
STINE	2660	34.6	24	3930	33.6	18.4	211.41
DEKALB Genetics	CX267	34.6	29	3880	33.5	18.4	211.06
LATHAM	EX–950	34.4	28	3810	33.7	17.9	208.12
KRUGER	K–3013	34.4	29	3330	34.9	19.0	217.75
JACOBSEN	J756	34.4	30	3330	33.8	18.8	213.28
HOEGEMEYER	292	34.4	26	3340	34.1	18.5	212.59
HOEGEMEYER	305	34.3	28	3490	33.6	18.4	209.57
SEXAUER	SX–2961	34.2	27	3440	33.7	17.9	206.57
ICI	D284	33.9	28	3380	34.0	18.5	209.50
KAUP SEED	KS 2865	33.8	24	3400	33.8	18.5	208.21
JACOBSEN	BIG RED	33.8	27	3540	33.4	18.2	204.83
KRUGER	K–2790	33.7	30	3320	33.0	19.0	206.92
KAUP SEED	KS 2665	33.7	27	3620	33.9	18.6	208.27
SANDS	SOI 217	33.6	32	3330	33.7	19.3	210.34
LATHAM	720	33.5	25	3880	33.7	18.1	203.68
DE SOY	D–2525	33.5	22	3380	34.0	18.7	207.70
-----	CHAPMAN	33.5	28	2930	33.8	19.1	208.71
LATHAM	1140	33.2	26	3830	34.2	18.6	205.84
M/W GENETICS	G 2818	33.1	23	3540	33.7	18.7	204.23
LATHAM	960	32.8	26	3370	33.5	18.6	201.06
WILSON	2840	32.6	25	3430	33.5	18.9	201.47
MERSHMAN	SAUK V	32.6	27	3300	34.9	19.3	208.31
MERSHMAN	MOHAVE II	32.6	26	3630	33.8	18.3	199.51

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Dixon County Late Maturing Soybean Variety Tests – 1995. Page 2

Brand	Variety	Average bu/a	Height inches	Seeds /lb	Protein %	Oil %	EPVA $/a
-----	CONRAD	32.6	27	3360	33.4	18.7	200.16
SANDS	EXP 9628	32.2	28	3600	33.0	18.2	194.17
M/W GENETICS	G 2540	32.2	24	3670	33.2	18.2	194.81
STINE	3171	32.1	30	3600	33.6	18.3	195.49
DE SOY	D-2929	32.1	25	3410	33.6	18.3	195.81
ROLLING MEADOWS	9529	32.0	29	3420	33.9	18.3	196.48
-----	COLFAX	31.8	25	3190	33.6	19.0	197.48
DE SOY	D-3030	31.7	25	3630	33.3	18.2	192.10
SEXAUER	SX-2861	31.5	26	3460	33.9	18.3	193.41
HY-VIGOR	3990	31.3	29	3630	33.7	18.3	191.24
M/W GENETICS	G 2955	31.0	24	3490	33.8	18.6	191.27
JACOBSEN	J858	30.8	21	3360	34.4	18.5	191.58
OHLDE(MW Genetc)	3010	30.6	30	3860	34.4	18.3	188.80
-----	IA3003	30.4	26	2990	34.1	18.5	187.87
DEKALB Genetics	CX314	30.2	28	3670	34.1	18.9	188.45
LATHAM	920	29.8	24	3560	33.6	18.8	183.87
PRAIRIE BRAND	PB-272	29.6	30	3880	34.2	19.0	185.89
OHLDE(MW Genetc)	2997	29.4	30	3770	33.4	18.4	179.34
SANDS	EXP 268A	29.3	21	3490	34.1	18.8	182.54
HOEGEMEYER	315	28.4	28	3780	33.5	18.0	171.82
-----	PELLA 86	22.8	30	3030	33.5	18.2	138.62
Average All Entries		33.4	27	3480	33.8	18.1	211.72
Dif. Req. for Sig.	5%	NS	4	440	NS	0.7	NS
	25%	3.7	2	250	0.6	0.4	NS

Northeast Nebraska Late Maturing Soybean Variety Tests – 1991 – 1995

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Protein %	Oil %	EPVA $/a
		Two Year Averages							
OHLDE(MW Genetc)	2930	58.8	10– 1	1.5	33	2900	35.1	18.5	369
KRUGER	K–2818+	57.3	9–22	1.0	30	3010	34.5	18.7	362
DEKALB Genetics	CX267	56.0	9–24	1.0	35	3360	34.5	18.6	352
DE SOY	D–2525	55.5	9–21	1.0	30	2970	34.5	18.6	348
HOEGEMEYER	292	55.3	10– 4	2.5	34	2910	34.8	18.3	344
MYCOGEN	J–291	55.0	9–28	1.0	36	3130	33.6	19.0	344
HY–VIGOR	3990	55.0	10– 6	2.3	36	3040	34.5	18.3	343
TERRA	TS253	54.7	9–22	1.3	30	3070	35.1	19.0	347
SANDS	SOI 217	54.6	9–22	1.0	37	2940	34.1	19.1	343
LATHAM	1140	54.6	10– 1	2.0	33	3260	34.6	18.6	342
ICI	D284	54.6	10– 1	2.0	35	2950	34.8	18.3	340
–––––	KENWOOD 94	54.5	9–27	1.8	35	2920	34.5	18.5	340
MERSHMAN	APACHE V	54.3	9–21	1.0	30	2930	34.7	18.6	340
MERSHMAN	SAUK V	54.2	9–20	1.0	32	2970	35.0	18.9	341
KRUGER	K–2790	53.9	9–23	1.0	36	2930	33.9	18.8	336
ROLLING MEADOWS	9427	53.7	9–27	1.0	36	3010	33.7	19.1	335
KAUP SEED	KS 2722	53.7	9–25	1.0	36	3060	33.7	19.0	334
DEKALB Genetics	CX314	53.3	10– 3	1.0	35	3100	34.9	19.0	339
SEXAUER	SX–2785	53.1	9–27	1.3	35	3160	34.1	18.7	331
HOEGEMEYER	305	53.1	9–30	1.8	34	2980	34.5	18.3	331
LATHAM	960	52.2	10– 4	1.3	33	2930	34.3	18.7	327
–––––	CHAPMAN	52.2	9–28	1.3	34	2470	34.8	18.9	331
–––––	CONRAD	51.4	9–22	1.5	33	2960	34.1	18.5	318
–––––	COLFAX	50.8	9–23	1.0	29	2750	34.3	18.9	319
–––––	STURDY	50.8	9–25	2.0	33	2730	34.7	18.4	318
–––––	IA3003	49.6	9–24	1.3	32	2540	35.1	18.4	312
–––––	PELLA 86	45.8	10– 2	1.0	35	2550	34.4	18.4	286
Average all entries		53.6	9–27	1.4	33	2943	34.5	18.7	336
Dif. Req. for Sig.	5%	NS	NS	NS	1	164	0.6	NS	NS
	25%	1.6	NS	NS	1	93	0.3	0.3	10
		Three Year Averages							
TERRA	TS253	52.2	9–28	1.2	29	3230	35.0	18.3	330
DEKALB Genetics	CX267	51.2	9–29	1.0	59	3660	34.3	18.0	319
KAUP SEED	KS 2722	51.0	9–30	1.0	36	3210	33.9	18.7	318
SANDS	SOI 217	50.7	9–28	1.0	34	3140	34.1	18.4	316
MERSHMAN	APACHE V	50.6	9–28	1.0	29	3120	34.6	18.1	316
SEXAUER	SX–2785	50.1	10– 1	1.2	34	3290	34.1	18.2	312
ICI	D284	49.4	10– 3	1.7	34	3280	34.9	17.6	308
HY–VIGOR	3990	49.4	10– 6	1.8	35	3280	34.5	17.9	307
–––––	KENWOOD 94	49.3	10– 1	1.4	35	3260	34.4	17.9	306

Northeast Nebraska Late Maturing Soybean Variety Tests – 1991 – 1995. Page 2

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Protein %	Oil %	EPVA $/a
		Three Year Averages (Continued)							
-----	CONRAD	48.6	9–28	1.3	33	3180	34.2	17.9	301
-----	COLFAX	48.1	9–29	1.0	29	2990	34.0	18.2	299
-----	CHAPMAN	47.7	10– 1	1.2	34	2780	34.8	18.1	301
-----	STURDY	47.5	9–29	1.5	33	2940	34.8	17.7	296
-----	PELLA 86	41.6	10– 4	1.0	36	2890	34.5	17.6	259
Average all entries		49.1	9–30	1.2	35	3161	34.4	18.0	306
Dif. Req. for Sig.	5%	2.4	NS	NS	NS	186	0.4	0.4	15
	25%	1.4	NS	0.1	NS	105	0.2	0.2	9
		Four Year Averages							
TERRA	TS253	50.0	9–29	1.3	30	3060	35.1	18.1	316
MERSHMAN	APACHE V	49.7	9–29	1.3	30	2980	34.8	17.9	312
SANDS	SOI 217	49.4	9–30	1.3	36	3010	34.5	18.2	310
SEXAUER	SX–2785	49.1	10– 2	1.5	36	3140	34.5	18.0	307
-----	CONRAD	48.2	9–30	1.8	34	3050	34.4	17.8	300
-----	KENWOOD 94	47.9	10– 2	1.9	36	3050	34.7	17.8	300
-----	COLFAX	46.9	9–30	1.6	30	2830	34.6	18.0	294
-----	CHAPMAN	46.6	10– 2	1.8	35	2680	35.1	18.0	296
-----	STURDY	46.4	9–30	2.0	35	2790	35.2	17.6	292
-----	PELLA 86	40.9	10– 6	1.7	37	2750	34.8	17.6	257
Average all entries		47.5	10–1	1.6	34	2932	34.8	17.9	298
Dif. Req. for Sig.	5%	1.7	1	NS	1	146	0.4	NS	11
	25%	1.0	1	0.2	1	83	0.2	0.2	6
		Five Year Averages							
SEXAUER	SX–2785	50.9	9–28	1.5	37	3050	34.5	18.1	321
-----	KENWOOD 94	48.5	9–27	2.1	36	3040	34.8	17.9	306
-----	STURDY	48.1	9–25	2.0	35	2740	35.2	17.7	305
-----	CHAPMAN	47.1	9–28	1.7	36	2680	35.3	18.0	301
-----	PELLA 86	41.9	10– 1	1.6	37	2700	35.0	17.7	265
Average all entries		47.3	9–28	1.8	36	2841	35.0	17.9	299
Dif. Req. for Sig.	5%	1.8	1	NS	NS	167	0.3	NS	11
	25%	1.0	1	0.1	1	94	0.1	0.2	6

East Central Early Maturing Soybean Variety Tests – 1995

Brand	Variety	Yield Average bu/a	Yield Saunders bu/a	Yield Clay bu/a	Yield Furnas bu/a	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
STINE	2660	43.9	19.4	59.9 *	52.4 *	1.0	27	2780	55.9	34.6	18.8	275.25
STINE	2560	43.5	17.8	56.1 *	56.5 **	1.0	26	2730	56.1	35.9	18.9	279.70
LATHAM	EX–950	43.5	21.7	58.4 *	50.5	1.2	30	2630	55.9	35.4	18.2	272.31
TERRA	TS294	43.4	24.2 *	54.9	51.0	1.1	34	2960	57.6	34.3	19.1	272.99
STINE	3171	43.1	23.7 *	54.0	51.6 *	1.5	32	2870	55.8	34.4	18.7	269.37
KRUGER	K–3434	43.0	26.2 *	52.9	49.8	1.0	32	2470	57.6	35.1	18.3	269.18
-----	A91–607052	43.0	19.5	58.9 *	50.7	1.5	27	2500	57.0	33.8	19.8	273.05
LATHAM	720	42.7	23.3 *	54.5	50.3	1.2	26	2940	56.4	34.8	18.9	269.86
LATHAM	841	42.7	18.3	60.2 **	49.6	1.0	24	2580	56.2	35.6	19.2	275.41
TERRA	E315	42.6	25.3 *	53.9	48.6	1.4	33	2540	57.3	35.2	18.5	267.95
DYNA–GRO	3303	42.6	24.1 *	53.7	49.9	1.6	30	2840	55.9	34.9	18.8	268.81
SEXAUER	SX–2785	42.5	16.6	56.1 *	54.8 *	1.0	31	2560	55.2	34.7	19.6	272.42
OHLDE(MW Genetc)	2825	42.4	18.6	55.9 *	52.6 *	1.2	26	2810	56.5	34.7	19.5	271.36
MERSHMAN	MOHAVE II	42.3	18.0	57.8 *	51.2 *	1.0	27	2930	55.6	35.0	18.6	266.07
LATHAM	1140	42.3	24.3 *	54.7	47.8	1.2	29	2750	55.6	34.4	18.7	263.95
KRUGER	K–3333	42.3	24.7 *	53.2	49.0	1.6	29	2740	56.0	35.1	18.7	267.34
-----	KENWOOD 94	42.2	21.0	54.9	50.6	1.2	30	2840	55.8	34.0	19.2	265.02
DE SOY	D–2818+	42.0	20.8	53.4	51.9 *	1.0	26	2950	56.0	34.9	18.6	263.34
STINE	2780	41.9	19.3	57.0 *	49.3	1.0	26	2710	55.9	35.2	18.8	265.65
KRUGER	K–3131	41.9	25.8 *	51.4	48.4	1.3	33	3070	56.4	34.5	18.6	261.04
STAR SEED INC	EXPRESS	41.8	26.4 **	47.9	51.2 *	1.5	29	2780	56.6	34.9	18.6	262.92
SANDS	SOI 259	41.8	18.6	57.8 *	49.0	1.3	31	2660	55.8	35.2	18.7	264.59
JACOBSEN	J952	41.8	21.6	55.5 *	48.2	1.3	29	2800	56.4	34.3	19.0	262.50
DE SOY	D–3232	41.8	23.7 *	54.1	47.7	1.2	30	2780	55.9	34.4	19.1	263.34
-----	CHAPMAN	41.8	20.7	54.5	50.3	1.2	29	2320	55.8	35.0	19.5	268.77
OHLDE(MW Genetc)	X804	41.7	21.6	55.7 *	47.9	1.2	27	2870	55.4	35.2	18.5	262.71
DEKALB Genetics	CX278	41.5	18.5	55.2	50.9	1.2	32	2580	56.1	34.3	19.1	260.62
STINE	2665	41.4	18.4	56.6 *	49.3	1.0	26	2810	56.1	35.2	18.8	262.48
DYNA–GRO	D.G. 3240	41.4	16.6	56.3 *	51.2 *	1.0	25	2720	56.3	35.6	18.9	264.96
JACOBSEN	J941	41.3	24.3 *	52.2	47.5	1.4	29	2790	55.7	35.1	18.7	261.02
-----	IROQUOIS	41.2	26.1 *	50.0	47.5	1.2	31	2760	56.2	35.5	18.6	261.62
KRUGER	K–2929	41.1	23.0	53.6	46.8	1.0	27	2600	55.5	34.3	18.9	257.29
ICI	D284	41.1	18.4	56.9 *	48.1	1.5	31	2730	55.8	35.2	18.7	259.75
DE SOY	D–3013	41.0	23.0	51.2	48.8	1.0	30	2630	56.4	35.9	18.7	262.40
OHLDE(MW Genetc)	X674	40.7	16.6	54.7	50.8	1.0	29	2760	56.2	35.3	18.8	258.85
PRAIRIE BRAND	PB–330	40.5	21.8	56.1 *	43.6	1.0	29	2760	56.7	34.4	19.1	255.56

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East Central Early Maturing Soybean Variety Tests – 1995. Page 2

Brand	Variety	Yield Average bu/a	Yield Saunders bu/a	Yield Clay bu/a	Yield Furnas bu/a	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
KRUGER	K–3030	40.5	21.5	53.5	46.5	1.3	28	2740	56.5	35.3	18.5	255.15
HOEGEMEYER	232	40.5	15.1	56.5 *	49.8	1.1	29	2710	56.2	34.9	19.5	259.60
-----	CONRAD	40.5	18.2	53.4	49.9	1.0	30	2790	55.9	34.7	19.1	256.36
HOEGEMEYER	292	40.3	20.6	56.4 *	44.0	1.0	30	2660	55.2	35.2	18.8	255.90
SEXAUER	SX–2961	40.2	20.2	52.3	48.0	1.2	28	2700	57.8	36.6	18.1	256.07
KAUP SEED	KS 2665	40.1	17.0	55.1	48.1	1.2	30	2690	56.0	35.3	18.9	255.04
-----	COLFAX	40.1	17.4	56.8 *	46.1	1.0	24	2390	55.5	35.0	19.3	256.24
OHLDE(MW Genetc)	2650	40.0	16.8	55.2	48.0	1.0	25	2670	56.3	35.8	18.8	256.00
OHLDE(MW Genetc)	2997	39.8	24.9 *	49.6	45.0	1.2	32	3080	56.2	34.4	18.5	247.95
MERSHMAN	CHICKASAW III	39.8	16.8	58.7 *	43.8	1.0	25	2590	55.9	36.2	18.9	257.51
LATHAM	1080	39.8	20.6	49.9	49.0	1.0	32	2550	56.8	34.6	18.9	250.34
-----	A91–607024	39.8	22.5	50.3	46.7	1.3	32	2620	57.1	35.3	18.6	251.93
DEKALB Genetics	CX291	39.7	19.7	50.7	48.8	1.5	35	2780	55.6	34.8	19.5	254.08
MERSHMAN	SAUK V	39.6	16.0	53.0	49.7	1.0	25	2630	55.9	35.2	19.2	253.44
-----	DUNBAR	39.6	21.4	48.8	48.6	1.2	31	3050	57.2	35.4	18.4	249.88
STAR SEED INC	CELEBRITY	39.5	22.1	45.5	50.8	1.2	28	2800	56.1	35.3	18.5	249.24
DE SOY	D–2909	39.4	19.9	53.4	45.0	1.0	31	2590	56.2	35.6	18.1	247.43
-----	HOLT	39.4	19.4	53.5	45.4	1.0	27	2590	55.4	35.4	19.6	255.31
-----	IA3003	39.4	18.2	55.6 *	44.4	1.3	28	2330	56.6	35.5	18.5	249.80
KAUP SEED	KS 2865	39.3	17.0	53.4	47.5	1.0	24	2610	55.4	36.1	19.1	254.66
MERSHMAN	APACHE V	39.2	15.2	56.3 *	46.0	1.0	24	2640	55.9	35.8	18.7	250.49
HOEGEMEYER	225	39.1	15.2	53.5	48.7	1.0	25	2630	55.7	36.2	18.7	251.41
SANDS	EXP 269	39.0	21.2	51.3	44.5	1.3	27	2780	57.2	34.8	18.5	243.75
-----	PROBST	39.0	20.4	48.3	48.3	1.3	31	2910	56.7	35.4	18.4	245.70
DYNA–GRO	3368	38.7	24.8 *	45.3	46.0	1.3	30	2940	55.4	35.1	18.3	242.26
-----	U91–2527	38.0	16.5	51.9	45.5	1.1	29	2580	56.7	34.6	19.3	241.30
MERSHMAN	SHAWNEE V	37.8	15.8	51.5	46.2	1.0	22	2640	56.2	35.9	18.8	242.68
TERRA	TS345	37.3	21.6	45.1	45.1	1.0	29	2570	55.6	35.6	18.0	233.50
-----	RESNIK	36.8	23.6 *	44.5	42.3	1.2	29	3070	56.4	35.5	18.6	233.31
-----	PELLA 86	36.7	21.2	42.5	46.3	1.0	32	2380	56.9	34.3	19.2	231.21
-----	U92–2426	36.7	17.7	49.8	42.5	1.2	27	2640	56.7	36.3	18.3	234.15
DE SOY	D–3303	36.5	25.9 *	40.8	42.8	1.0	29	2830	56.0	34.8	18.4	227.40
Average All Entries		40.6	20.6	53.0	48.4	1.1	29	2720	56.1	35.1	18.8	253.8
Dif. Req. for Sig.	5%	NS	3.1	4.7	5.4	NS	3	176	1.5	0.8	0.6	NS
	25%	NS	1.8	2.8	3.1	0.3	2	102	0.8	0.5	0.3	NS

** denotes top yielding variety at each location
* denotes varieties not significantly different than top yielding variety at each location

East – South Central Early Maturing Soybean Variety Tests – 1991 – 1995

Brand	Variety	Average bu/a	Maturity date	Lodge rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Two Year Averages								
DE SOY	D–3232	52.6	9–21	1.3	35	2810	55.5	34.9	18.9	333
LATHAM	1140	52.3	9–21	1.5	35	2790	55.5	34.8	18.6	328
STINE	2660	51.4	9–20	1.4	33	2830	55.5	35.0	18.6	323
OHLDE(MW Genetc)	2825	51.2	9–21	1.3	32	2730	55.5	34.7	19.6	328
-----	DUNBAR	50.7	9–21	1.5	38	3000	57.0	36.0	18.2	321
SEXAUER	SX–2785	49.1	9–16	1.3	37	2560	54.5	34.8	19.5	314
HOEGEMEYER	292	48.9	9–15	1.5	36	2700	55.0	35.3	18.6	309
LATHAM	1080	48.1	9–20	1.4	37	2540	56.0	34.9	18.7	303
-----	CHAPMAN	48.0	9–17	1.4	34	2300	55.5	35.6	19.3	310
MERSHMAN	CHICKASAW II	47.8	9–15	1.0	30	2580	55.5	36.3	18.8	308
OHLDE(MW Genetc)	2650	47.6	9–13	1.1	30	2680	55.5	35.9	18.8	305
-----	CONRAD	47.5	9–12	1.3	35	2730	55.5	34.9	18.8	300
-----	KENWOOD 94	47.4	9–15	1.7	36	2860	56.0	34.6	19.0	299
MERSHMAN	APACHE V	47.2	9–11	1.0	30	2650	55.5	35.9	18.7	302
-----	RESNIK	47.2	9–21	1.4	35	3040	55.5	35.7	18.4	299
-----	PELLA 86	47.0	9–20	1.4	37	2330	56.0	34.8	19.0	298
MERSHMAN	SAUK V	46.9	9–11	1.1	31	2650	55.5	35.6	19.0	300
HOEGEMEYER	225	46.8	9–12	1.0	30	2630	55.5	36.0	18.7	300
HOEGEMEYER	232	46.7	9–13	1.3	35	2700	56.0	35.0	19.4	300
-----	COLFAX	46.5	9–18	1.1	28	2390	55.0	35.3	19.2	298
-----	HOLT	43.7	9–13	1.1	32	2510	55.0	35.5	19.4	283
-----	IA3003	42.0	9–12	1.4	33	2340	56.5	35.9	18.4	266
Average all entries		48.0	9–16	1.3	33	2653	55.6	35.3	18.9	306
Dif. Req. for Sig.	5%	NS	1	NS	1	44	0.3	0.3	0.1	NS
	25%	1.0	1	NS	1	25	0.2	0.2	0.1	NS
		Three Year Averages								
DE SOY	D–3232	53.5	9–23	1.3	34	2790	55.3	35.0	18.8	342
LATHAM	1140	52.9	9–23	1.4	33	2840	55.7	35.0	18.5	336
-----	DUNBAR	51.9	9–23	1.5	36	3030	57.3	36.0	18.0	332
LATHAM	1080	50.4	9–21	1.4	35	2560	55.7	35.0	18.7	321
SEXAUER	SX–2785	50.1	9–18	1.3	35	2600	54.7	34.9	19.4	324
OHLDE(MW Genetc)	2650	49.3	9–16	1.1	29	2700	55.3	35.9	18.8	319
-----	CHAPMAN	48.9	9–19	1.4	33	2330	55.7	35.6	19.2	318
-----	RESNIK	48.5	9–23	1.3	34	3030	56.0	35.9	18.2	311
HOEGEMEYER	225	48.4	9–15	1.0	29	2670	55.3	36.0	18.6	313
MERSHMAN	APACHE V	48.1	9–15	1.0	29	2690	55.7	35.9	18.7	311
-----	COLFAX	47.8	9–20	1.1	27	2460	55.0	35.3	19.4	310
-----	KENWOOD 94	47.6	9–17	1.8	34	2890	56.0	34.8	18.8	304
-----	CONRAD	47.4	9–15	1.3	33	2780	55.7	35.0	18.7	302
-----	PELLA 86	46.9	9–22	1.4	36	2330	56.0	34.9	18.9	300
-----	HOLT	45.3	9–15	1.1	31	2480	55.0	35.9	19.3	295
Average all entries		49.1	9–19	1.3	33	2679	55.6	35.4	18.8	316
Dif. Req. for Sig.	5%	0.6	1	0.1	1	40	0.3	0.2	0.1	7
	25%	0.3	1	0.1	1	23	0.2	0.1	0.1	4

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East – South Central Early Maturing Soybean Variety Tests – 1991 – 1995. Page 2

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Four Year Averages								
-----	DUNBAR	51.9	9–25	1.5	35	2960	57.8	35.8	18.0	333
LATHAM	1080	51.7	9–22	1.5	34	2560	55.8	34.8	18.6	329
SEXAUER	SX–2785	48.7	9–20	1.4	35	2630	55.5	34.7	19.2	313
MERSHMAN	APACHE V	48.7	9–17	1.1	29	2650	56.0	35.6	18.6	314
-----	CHAPMAN	48.4	9–20	1.4	32	2320	56.0	35.2	19.1	314
-----	RESNIK	48.2	9–25	1.4	33	2970	56.5	35.7	18.2	309
-----	KENWOOD 94	47.5	9–19	1.8	34	2830	56.3	34.7	18.7	302
HOEGEMEYER	225	47.4	9–17	1.1	28	2650	55.8	35.7	18.6	306
-----	PELLA 86	47.1	9–24	1.5	35	2290	56.5	34.8	18.8	301
-----	CONRAD	47.0	9–18	1.3	32	2740	55.0	34.7	18.7	299
-----	COLFAX	46.4	9–21	1.1	27	2450	55.5	35.0	19.2	299
-----	HOLT	44.5	9–17	1.2	30	2500	55.3	35.6	19.1	289
Average all entries		48.1	9–20	1.3	32	2631	56.0	35.2	18.7	309
Dif. Req. for Sig.	5%	1.0	1	0.1	1	45	0.4	0.2	0.1	7
	25%	0.6	1	0.1	1	26	0.2	0.1	0.1	4
		Five Year Averages								
LATHAM	1080	53.2	9–22	1.4	35	2540	56.2	34.7	18.7	340
SEXAUER	SX–2785	50.9	9–19	1.3	35	2610	55.8	34.5	19.3	327
-----	CHAPMAN	50.1	9–20	1.3	33	2300	56.4	35.1	19.2	325
-----	RESNIK	49.5	9–24	1.3	34	2930	56.8	35.6	18.3	319
-----	KENWOOD 94	48.6	9–19	1.7	34	2800	56.6	34.5	18.8	310
-----	CONRAD	48.6	9–17	1.2	33	2710	55.6	34.6	18.7	309
-----	HOLT	46.3	9–16	1.1	31	2510	55.8	35.4	19.1	301
Average all entries		49.6	9–20	1.3	34	2628	56.2	34.9	18.9	319
Dif. Req. for Sig.	5%	0.8	1	0.1	1	44	NS	0.1	0.1	5
	25%	0.5	1	0.1	1	25	NS	0.1	0.1	3

East Central Late Maturing Soybean Variety Tests – 1995

Brand	Variety	Yield Average bu/a	Yield Saunders bu/a	Yield Clay bu/a	Yield Furnas bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
DE SOY	D–3525	46.5	20.7	60.5 *	58.2 **	9–28	1.4	29	2630	57.1	35.3	18.8	295.27
MERSHMAN	HOOVER III	45.7	22.4	57.5 *	57.1 *	9–25	1.3	30	2630	56.4	35.4	18.7	290.19
OHLDE(MW Genetc)	3250	44.9	23.2	55.0	56.5 *	9–25	1.5	30	2740	56.5	35.2	18.6	283.77
DE SOY	D–3505	44.9	23.5	59.7 *	51.4	9–25	1.7	32	2720	57.5	34.6	18.6	281.07
DYNA–GRO	D.G. 3280	44.8	21.5	60.9 **	52.1	9–25	1.3	29	2590	56.7	35.3	18.8	284.03
-----	IROQUOIS	44.6	26.4 **	56.8 *	50.5	9–27	1.2	34	2650	57.3	35.5	18.5	281.87
WILSON	3250	44.4	22.0	56.5	54.8 *	9–26	1.4	30	2680	57.1	35.1	18.5	279.28
TERRA	E364	44.1	22.5	55.0	54.8 *	10– 2	1.2	30	2500	57.0	35.2	18.3	276.07
KAUP SEED	KS 3464	44.1	20.2	60.5 *	51.7	9–22	1.3	29	2530	56.8	34.3	19.0	276.51
HOEGEMEYER	365	44.1	22.6	56.5	53.1	9–26	1.3	29	2730	56.5	34.8	18.5	276.51
ROLLING MEADOWS	9529	44.0	21.5	56.7	53.9 *	9–22	1.0	31	2590	56.1	35.2	19.2	281.60
DE SOY	D–3505B	44.0	20.8	58.1 *	53.1	9–27	1.6	33	2610	58.5	35.2	18.3	275.88
ICI	D321	43.9	21.8	57.5 *	52.3	9–25	1.4	30	2840	57.2	35.0	18.7	276.57
PRAIRIE BRAND	PB–384	43.8	22.6	56.3	52.4	10– 1	1.3	30	2570	57.7	35.3	18.3	275.06
-----	U91–3607	43.8	24.1 *	58.3 *	48.9	10– 1	1.3	31	2630	56.9	35.1	19.1	279.01
SEXAUER	SX–3261	43.5	23.9 *	58.3 *	48.2	9–28	1.3	34	2400	58.0	35.4	18.4	274.48
OHLDE(MW Genetc)	2930	43.3	18.2	58.9 *	52.7	9–21	1.0	28	2660	56.2	34.3	19.0	271.92
KRUGER	K–3769+	43.3	23.3	52.6	54.0 *	9–28	1.7	31	2820	57.3	35.3	18.5	272.79
KAUP SEED	KS 3047	43.3	23.2	56.4	50.3	9–26	1.2	29	2600	57.0	35.4	18.8	275.39
STINE	3630	43.2	21.5	55.6	52.5	9–26	1.7	31	2820	57.9	34.7	18.7	271.30
KRUGER	K–3555	43.1	22.1	54.7	52.5	9–27	1.6	34	2590	56.7	34.8	18.4	268.94
JACOBSEN	J953	43.1	23.0	56.9 *	49.5	9–26	1.7	32	2910	57.4	34.4	18.6	268.51
SANDS	EXP 9431	43.0	20.8	54.5	53.7 *	9–24	1.0	33	2600	56.9	35.2	19.1	274.34
SANDS	EXP 9532	42.8	23.8 *	57.3 *	47.3	9–29	1.0	33	2440	58.0	35.2	18.4	269.21
DEKALB Genetics	CX313	42.7	22.6	54.6	50.9	9–27	1.3	34	2660	57.7	34.0	19.0	266.45
ICI	D337	42.5	21.7	55.2	50.5	10– 1	1.0	30	2620	58.2	33.6	19.6	267.32
DE SOY	D–3303+	42.2	18.4	58.5 *	49.8	9–23	1.2	29	2560	56.3	35.6	18.1	265.44
-----	CHAPMAN	42.2	17.2	56.4	53.1	9–25	1.0	30	2240	57.1	35.2	19.5	272.19
OHLDE(MW Genetc)	X819	42.0	19.7	54.1	52.2	9–25	2.0	30	2860	56.6	34.6	18.9	264.60
STINE	3275	41.8	22.4	53.7	49.4	9–27	1.3	31	2770	58.1	34.5	18.6	260.41
OHLDE(MW Genetc)	3010	41.8	22.9	54.5	48.0	9–26	1.0	32	3100	56.1	34.4	18.4	259.16
MIDLAND	8343	41.8	24.1 *	52.1	49.2	9–27	1.9	38	3050	56.3	34.0	19.1	261.67
-----	DUNBAR	41.8	23.7 *	52.1	49.7	9–28	1.2	32	3010	58.9	35.5	18.5	264.18
STINE	3660	41.7	22.7	49.7	52.6	10– 1	1.0	32	2550	57.2	34.9	18.4	260.62
STINE	3570	41.5	22.4	49.8	52.2	9–29	1.0	29	2760	57.0	36.0	18.3	263.52
MYCOGEN	339	41.4	21.9	55.2	47.1	9–30	1.0	28	2570	57.5	35.0	18.4	259.16

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East Central Late Maturing Soybean Variety Tests – 1995. Page 2

Brand	Variety	Yie Average bu/a	Saunders bu/a	Clay bu/a	Furnas bu/a	Plant Maturit date	Lodgin rating	height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
KRUGER	K–3606	41.4	19.5	54.9	49.7	9–22	1.0	32	2760	57.3	35.2	18.4	259.99
HOEGEMEYER	315	41.4	21.6	54.3	48.2	9–27	1.5	31	2780	57.3	34.7	18.8	260.41
AGRIPRO SEEDS	AP3355	41.4	22.8	54.2	47.2	10– 2	1.0	30	2650	57.6	33.5	19.6	260.41
SANDS	EXP 362	41.1	20.3	51.8	51.2	9–28	1.6	32	2780	57.6	36.3	18.7	264.68
-----	RESNIK	41.0	22.0	48.6	52.3	9–28	1.4	30	2990	57.4	35.8	18.5	260.35
-----	MACON	40.9	21.1	49.4	52.1	9–30	1.6	30	2700	56.9	34.8	18.5	256.03
HOEGEMEYER	380	40.8	24.9 *	50.6	46.8	9–29	1.6	31	2860	57.5	35.3	18.6	258.26
FONTANELLE	3311	40.8	20.8	54.6	47.0	9–25	1.2	28	2550	57.4	35.0	18.7	257.45
TERRA	TORCH	40.7	23.4	49.4	49.3	9–28	1.2	31	2880	56.4	35.1	18.5	256.00
-----	ODELL	40.6	22.5	52.6	46.8	10– 3	2.0	34	2820	57.4	34.6	19.1	257.00
KRUGER	K–3727	40.4	21.5	50.2	49.5	9–25	1.5	32	3080	57.0	34.5	18.3	249.67
OHLDE(MW Genetc)	3374	40.2	20.7	49.6	50.4	9–27	1.7	38	3240	56.8	33.8	18.9	249.64
-----	PROBST	40.2	23.4	48.3	48.9	9–28	1.6	32	2790	56.5	35.0	18.3	251.25
SEXAUER	SX–3441	40.1	20.5	49.0	50.8	9–29	1.0	33	2720	56.8	35.1	18.6	252.63
-----	CHARLESTON	39.6	25.1 *	51.2	42.5	9–28	1.0	23	2880	57.9	35.8	19.0	255.02
DE SOY	D–3919	39.5	23.3	47.3	48.0	9–30	1.2	34	2940	57.2	34.4	18.7	246.88
-----	HAMILTON	38.9	23.2	44.5	49.1	10– 3	2.1	32	2670	56.8	35.0	19.0	247.40
-----	YALE	38.9	20.9	50.6	45.1	10– 1	1.0	33	2910	57.7	34.9	19.0	247.01
-----	U92–3604	38.8	18.8	50.7	46.9	9–27	1.2	29	3130	56.7	36.5	18.0	246.77
-----	PIATT	38.7	21.5	47.8	46.7	9–28	1.5	34	2970	57.4	34.6	18.5	241.49
-----	PELLA 86	38.7	21.0	49.0	46.1	9–28	1.3	32	2360	57.0	34.5	19.0	243.81
-----	EDISON	38.5	22.1	47.3	46.0	10– 1	1.2	30	3280	56.9	34.6	18.3	238.70
TERRA	TS393	38.2	23.7 *	44.4	46.4	10– 3	2.0	34	2740	56.7	35.3	18.5	240.66
TERRA	TS402	38.1	21.9	45.2	47.2	9–30	1.3	33	2890	56.6	34.7	18.6	238.12
DEKALB Genetics	CX368	37.9	20.2	45.7	47.7	9–30	1.3	32	2890	56.3	35.2	18.7	239.91
-----	CORSICA	37.7	23.4	46.4	43.3	10– 1	1.7	33	2880	56.6	35.8	18.0	236.76
KRUGER	K–3636	37.4	22.6	45.1	44.5	9–29	1.4	32	3090	57.3	34.7	18.7	234.50
MIDLAND	8410	35.6	21.1	43.0	42.8	10– 2	1.2	33	3150	56.6	34.4	18.4	220.72
-----	HOBBIT 87	35.3	18.5	44.9	42.6	9–28	1.0	19	2740	57.3	34.0	19.6	223.80
Average all Entries		41.6	22.0	52.8	49.9	9– 28	1.3	31	2760	57.1	34.9	18.7	259.80
Dif. Req. for Sig.	5%	5.0	2.8	4.1	4.5	2	0.5	3	203	1.0	0.5	0.3	24.38
	25%	2.9	1.7	2.4	2.7	1	0.3	2	118	0.6	0.3	0.2	14.14

** denotes top yielding variety at each location
* denotes varieties not significantly different than top yielding variety at each location

East – South Central Late Maturing Soybean Variety Tests – 1991 – 1995

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Two Year Averages								
DE SOY	D–3525	57.4	9–24	1.7	37	2700	56.0	35.4	18.8	365
DE SOY	D–3505	56.6	9–22	1.5	36	2700	56.5	35.3	18.6	358
ICI	D321	55.5	9–20	1.7	36	2730	56.0	35.1	18.6	350
HOEGEMEYER	365	55.3	9–21	1.6	35	2730	56.0	35.0	18.6	348
KRUGER	K–3606	55.1	9–23	1.4	39	2680	56.0	35.2	18.5	348
WILSON	3250	54.6	9–21	1.6	36	2660	56.0	35.2	18.5	344
STINE	3660	54.6	9–27	1.3	38	2470	56.0	35.3	18.3	342
OHLDE(MW Genetc)	3250	54.4	9–20	1.8	35	2720	55.5	35.2	18.6	343
OHLDE(MW Genetc)	3010	54.3	9–23	1.2	38	3040	55.5	35.0	18.4	341
OHLDE(MW Genetc)	2930	54.0	9–19	1.4	34	2620	55.5	34.7	18.7	338
MERSHMAN	HOOVER III	54.0	9–20	1.6	35	2650	55.5	35.4	18.6	342
DEKALB Genetics	CX313	54.0	9–24	1.6	40	2550	56.0	34.3	19.0	340
-----	CORSICA	53.8	9–28	2.0	39	2690	56.0	35.9	18.2	340
-----	PROBST	53.8	9–24	1.8	38	2740	55.5	35.2	18.2	337
HOEGEMEYER	380	53.6	9–26	1.8	38	2730	56.0	35.4	18.5	339
TERRA	TS402	53.4	9–27	1.5	39	2660	55.5	35.1	18.8	339
TERRA	TORCH	52.9	9–26	1.5	38	2720	55.0	35.1	18.7	334
-----	HAMILTON	52.5	9–29	2.1	38	2450	56.0	35.5	19.0	337
-----	RESNIK	52.4	9–23	1.5	37	2870	56.0	35.8	18.5	332
-----	DUNBAR	51.5	9–22	1.5	39	2870	58.5	35.9	18.3	327
MYCOGEN	339	51.4	9–26	1.2	34	2560	55.5	35.2	18.5	324
-----	CHARLESTON	51.0	9–26	1.3	26	2780	57.0	36.0	18.5	325
-----	PIATT	51.0	9–25	1.7	41	2950	56.0	34.8	18.6	320
SEXAUER	SX–3441	50.5	9–27	1.3	38	2560	56.0	35.1	18.7	319
-----	YALE	50.5	9–28	1.5	39	2780	57.0	35.3	19.1	323
-----	EDISON	50.3	9–26	1.3	35	3080	56.0	34.9	18.4	314
-----	CHAPMAN	49.8	9–19	1.3	35	2210	56.5	35.6	19.2	320
-----	PELLA 86	49.4	9–21	1.5	38	2250	56.5	34.9	19.0	313
-----	HOBBIT 87	47.2	9–27	1.2	24	2630	56.0	34.2	19.6	300
Average all entries		52.9	9–24	1.5	36	2681	56.1	35.2	18.6	335
Dif. Req. for Sig.	5%	NS	1	0.1	1	88	0.3	0.2	0.2	NS
	25%	0.8	1	0.1	1	50	0.2	0.1	0.1	6
		Three Year Averages								
OHLDE(MW Genetc)	3250	54.5	9–23	1.6	34	2780	55.7	35.2	18.6	347
HOEGEMEYER	365	54.5	9–23	1.5	34	2820	56.3	35.1	18.4	346
WILSON	3250	53.9	9–23	1.4	35	2760	56.0	35.3	18.5	344
MERSHMAN	HOOVER III	53.3	9–23	1.5	34	2700	55.7	35.4	18.5	340
TERRA	TORCH	53.2	9–27	1.5	36	2820	55.7	35.2	18.4	339
-----	CORSICA	52.7	9–29	1.8	37	2800	56.3	35.9	18.0	336
DEKALB Genetics	CX313	52.6	9–25	1.5	37	2700	56.3	34.3	18.8	332

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East – South Central Late Maturing Soybean Variety Tests – 1991 – 1995. Page 2

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Three Year Averages (Continued)								
TERRA	TS402	51.9	9–28	1.4	37	2760	55.3	35.2	18.4	331
-----	DUNBAR	51.7	9–24	1.5	37	2990	58.7	35.9	18.1	330
-----	RESNIK	51.3	9–25	1.4	35	2960	56.0	35.9	18.2	328
-----	HAMILTON	51.1	9–29	2.1	36	2580	56.3	35.6	18.8	330
SEXAUER	SX–3441	50.3	9–28	1.2	36	2650	56.3	35.1	18.4	319
-----	EDISON	50.0	9–27	1.2	34	3170	56.3	35.1	18.0	315
-----	CHAPMAN	49.8	9–21	1.2	33	2280	56.3	35.4	19.1	322
-----	PIATT	49.3	9–26	1.6	39	3090	56.3	34.9	18.3	311
-----	CHARLESTON	49.0	9–27	1.3	26	2890	57.0	36.0	18.4	316
-----	PELLA 86	48.3	9–23	1.4	36	2310	56.7	35.0	18.9	309
-----	HOBBIT 87	44.6	9–27	1.1	25	2790	56.3	34.1	19.4	283
Average all entries		51.2	9–25	1.5	34	2770	56.3	35.3	18.5	327
Dif. Req. for Sig.	5%	1.2	1	0.1	1	65	0.3	0.2	0.2	8
	25%	0.7	1	0.1	1	37	0.2	0.1	0.1	5
		Four Year Averages								
WILSON	3250	53.4	9–26	1.5	34	2720	56.3	35.1	18.4	340
MERSHMAN	HOOVER III	52.9	9–26	1.6	33	2660	56.0	35.2	18.4	337
-----	CORSICA	52.4	9–30	1.9	35	2760	56.8	35.8	18.1	336
TERRA	TORCH	51.8	9–29	1.6	35	2780	56.0	35.0	18.4	330
-----	DUNBAR	51.7	9–26	1.6	36	2950	59.0	35.6	18.1	330
-----	RESNIK	50.3	9–27	1.4	34	2910	56.5	35.6	18.3	323
-----	HAMILTON	50.1	9–30	2.0	34	2580	56.8	35.3	18.6	322
-----	CHAPMAN	49.5	9–22	1.2	32	2300	56.5	35.1	19.0	319
-----	EDISON	49.4	9–28	1.3	33	3100	56.8	34.8	18.1	311
-----	PELLA 86	47.5	9–25	1.4	35	2280	56.8	34.8	18.8	303
-----	CHARLESTON	46.5	9–27	1.4	24	2850	57.5	35.8	18.2	299
-----	HOBBIT 87	43.2	9–27	1.1	23	2770	56.8	34.0	19.2	274
Average all entries		49.9	9–27	1.5	32	2721	56.8	35.2	18.5	319
Dif. Req. for Sig.	5%	1.0	1	0.6	1	51	0.2	0.2	0.2	7
	25%	0.6	1	0.4	1	29	0.1	0.1	0.1	4
		Five Year Averages								
-----	DUNBAR	52.8	9–25	1.4	36	2930	59.2	35.6	18.4	338
-----	HAMILTON	51.8	9–28	1.9	35	2570	56.8	35.3	18.8	334
-----	RESNIK	51.0	9–26	1.3	34	2890	56.8	35.7	18.5	328
-----	EDISON	50.4	9–27	1.2	34	3070	56.8	34.9	18.3	319
-----	PELLA 86	48.9	9–24	1.3	36	2250	57.0	34.9	18.9	313
-----	HOBBIT 87	44.0	9–26	1.1	23	2740	57.0	34.1	19.3	280
Average all entries		49.8	9–26	1.4	33	2740	57.3	35.1	18.7	319
Dif. Req. for Sig.	5%	0.7	NS	0.1	1	37	0.2	0.2	0.2	5
	25%	0.4	1	0.1	1	21	0.1	0.1	0.1	3

Southeast Early Maturing Soybean Variety Tests – 1995

Brand	Variety	Yield Average bu/a	Yield Nemaha bu/a	Yield Fillmore bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
KAUP SEED	KS 2865	60.8	53.3 *	68.2 **	9–26	1.0	30	2650	56.2	36.5	19.8	402.50
STINE	3171	58.8	57.6 *	59.9	10– 1	1.5	39	2820	56.8	34.6	19.6	375.73
KRUGER	K–3232	57.9	55.7 *	60.0	10– 2	1.1	34	2840	56.3	34.8	20.0	374.61
KRUGER	K–3555	57.6	57.6 *	57.6	10– 2	1.5	38	2580	56.6	35.2	19.5	370.94
TERRA	E364	57.5	54.6 *	60.4	10– 3	1.1	35	2580	56.6	35.2	19.2	368.00
M/W GENETICS	G 3100	57.3	52.7 *	61.9	9–29	1.5	37	2830	56.0	35.7	19.4	370.73
SANDS	SOI 333	57.2	55.9 *	58.5	9–30	1.3	36	3000	56.0	35.0	19.4	366.65
LEWIS HYBRIDS	305	57.2	55.1 *	59.2	10– 1	1.4	33	2910	55.9	35.1	19.9	371.80
LYNKS SEEDS	5298	57.0	53.0 *	61.0	9–28	1.3	35	2690	56.3	35.6	19.5	369.36
DEKALB Genetics	CX314	57.0	53.6 *	60.4	9–30	1.1	38	2800	56.9	35.2	19.9	370.50
DE SOY	D–3013	57.0	50.5	63.5 *	9–28	1.0	36	2770	56.3	36.5	19.4	374.49
MERSHMAN	HOOVER III	56.8	53.3 *	60.3	9–28	1.4	35	2830	56.2	35.6	19.8	370.90
DEKALB Genetics	CX313	56.5	55.2 *	57.7	9–30	1.4	37	2730	57.3	33.8	20.4	363.29
SEXAUER	SX–3261	56.3	57.7 **	54.9	9–29	1.4	38	2550	57.9	35.9	19.2	364.26
KAUP SEED	KS 3047	56.1	52.0 *	60.1	9–28	1.3	34	2830	56.2	35.5	19.6	364.09
LYNKS SEEDS	5318	55.9	52.6 *	59.2	9–27	1.1	37	2860	56.6	34.8	20.0	361.67
KRUGER	K–3769+	55.8	51.9	59.7	10– 1	1.4	37	2810	56.4	35.7	19.2	359.91
KRUGER	K–3434	55.8	57.0 *	54.6	10– 2	1.1	38	2670	57.4	35.1	19.0	355.45
HOEGEMEYER	292	55.8	52.9 *	58.7	9–21	1.8	33	2690	54.9	35.9	19.4	363.26
-----	RESNIK	55.8	51.7	59.9	10– 1	1.3	36	2950	56.8	35.8	19.4	362.70
ROLLING MEADOWS	9431	55.7	53.3 *	58.1	9–27	1.0	35	2750	55.6	36.2	19.6	365.39
DE SOY	D–3030	55.7	50.0	61.3	9–28	1.1	34	2760	56.4	36.1	19.6	364.83
WILSON	3250	55.6	48.0	63.1 *	9–30	1.6	33	2870	55.8	34.8	19.5	355.84
-----	IROQUOIS	55.5	54.9 *	56.1	9–29	1.3	37	2740	56.9	36.0	19.3	360.75
MIDLAND	8355	55.4	45.8	55.7	10– 1	1.5	34	3140	56.9	34.3	19.6	353.45
OHLDE(MW Genetc)	3010	55.0	54.1 *	55.9	9–29	1.4	36	3120	56.8	34.1	19.0	344.30
M/W GENETICS	G 3222	55.0	50.6	59.3	10– 1	1.0	35	2840	57.5	34.7	20.0	355.85
MIDLAND	8325	54.9	55.1 *	56.9	10– 2	1.0	34	2670	57.1	34.3	20.2	354.65
MERSHMAN	KENNEDY IV	54.7	53.2 *	56.1	10– 2	1.4	35	3040	56.5	35.5	19.1	351.17
OHLDE(MW Genetc)	2997	54.6	54.7 *	54.4	9–29	1.3	37	3160	56.9	34.7	19.3	348.35

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Southeast Early Maturing Soybean Variety Tests – 1995. Page 2

Brand	Variety	Yield Average bu/a	Yield Nemaha bu/a	Yield Fillmore bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
STINE	3630	54.4	48.9	59.8	10– 2	1.3	35	2990	57.4	35.0	19.6	350.88
HOEGEMEYER	315	54.2	53.2 *	56.0	10– 1	1.3	37	2870	57.1	35.2	19.4	348.51
ICI	D321	54.1	48.9	59.3	9–27	1.5	34	3050	56.3	34.9	19.4	346.24
DE SOY	D–3727	54.0	52.1 *	55.8	10– 2	1.4	35	3170	56.7	34.4	19.2	341.82
-----	CHAPMAN	54.0	43.9	64.0 *	9–25	1.1	34	2230	56.6	35.6	20.3	356.40
SEXAUER	SX–2961	53.9	48.4	59.3	9–28	1.1	35	2960	58.2	36.9	18.8	350.89
OHLDE(MW Genetc)	X804	53.8	43.4	64.1 *	9–27	1.3	31	3110	56.2	35.6	19.4	348.09
MIDLAND	8286	53.7	52.8 *	61.5	9–28	1.0	32	2750	56.2	36.1	19.9	353.88
-----	PROBST	53.4	51.4	55.4	10– 1	1.1	37	3040	57.8	35.3	19.3	343.36
WILLCROSS	9532	53.2	50.9	55.5	9–29	1.0	32	3270	56.6	35.4	18.9	339.42
SANDS	SOI 363	53.2	52.9 *	53.4	10– 2	1.8	35	3030	57.7	34.8	19.4	339.42
HOEGEMEYER	365	53.2	44.2	62.1 *	9–30	1.4	33	2870	56.4	35.0	19.7	343.67
MERSHMAN	TRUMAN IV	53.0	47.3	58.6	9–30	1.6	34	2810	57.6	35.3	19.6	342.91
-----	DUNBAR	53.0	51.9	54.1	9–30	1.3	33	3230	58.2	35.2	19.5	341.32
OHLDE(MW Genetc)	2930	52.9	44.2	61.5	9–26	1.0	32	2780	56.2	34.7	19.9	341.20
KRUGER	K–3505	52.9	49.3	56.4	10– 2	1.6	36	3080	57.6	34.6	19.8	340.15
SEXAUER	SX–2785	52.7	44.5	60.8	9–23	1.1	36	2670	54.8	35.1	20.3	345.18
TERRA	TS312	52.6	47.4	57.7	9–28	1.3	35	2710	56.3	35.8	19.4	341.37
OHLDE(MW Genetc)	2825	51.8	45.9	57.6	9–27	1.1	32	2870	56.2	34.7	20.7	340.84
-----	A91–607024	51.8	46.4	57.1	9–26	1.1	36	2730	57.3	35.9	19.0	334.11
-----	U91–2527	51.7	46.6	56.7	9–24	1.5	37	2820	56.7	35.1	20.0	337.08
-----	PELLA 86	51.5	45.3	57.6	9–28	1.4	36	2460	57.0	34.9	19.9	333.20
TERRA	TORCH	50.8	48.6	53.0	10– 2	1.4	34	2960	56.8	34.8	19.4	324.61
DE SOY	D–3636	50.8	47.8	53.7	10– 2	1.1	36	3130	56.9	34.7	19.4	324.10
TERRA	TS345	50.7	44.5	56.8	10– 2	1.3	34	2800	56.9	35.0	19.1	322.96
STINE	3275	49.6	39.6	59.5	10– 2	1.5	36	2890	57.3	34.7	19.6	317.94
Average all entries		54.8	50.6	58.5	9– 29	1.3	35	2848	56.7	35.2	19.6	352.39
Dif. Req. for Sig.	5%	NS	NS	6.2	2	0.4	3	209	1.0	0.6	0.4	NS
	25%	NS	5.7	3.6	1	0.2	2	121	0.6	0.3	0.2	NS

** denotes top yielding variety at each location

* denotes varieties not significantly different than top yielding variety at each location

Southeast Early Maturing Soybean Variety Tests – 1991 – 1995

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Two Year Averages								
M/W GENETICS	G 3100	55.6	9–23	1.7	34	2700	55.0	35.3	19.3	358
KRUGER	K–3769+	54.9	9–27	1.7	35	2620	55.5	35.5	19.1	352
SANDS	SOI 333	54.7	9–24	1.8	34	2740	55.0	35.1	19.4	351
LYNKS SEEDS	5298	54.5	9–22	1.7	33	2530	54.5	35.4	19.3	351
MERSHMAN	KENNEDY IV	54.2	9–28	1.9	35	2710	56.0	35.2	19.1	346
MERSHMAN	TRUMAN IV	54.1	9–25	1.7	33	2610	56.5	35.2	19.5	348
MERSHMAN	HOOVER III	54.0	9–21	1.7	33	2680	55.0	35.4	19.5	349
WILSON	3250	53.5	9–24	1.8	32	2680	55.5	35.0	19.3	342
TERRA	TS312	53.5	9–22	1.7	33	2540	55.5	35.5	19.3	344
KAUP SEED	KS 3047	53.5	9–22	1.7	32	2640	55.0	35.4	19.4	345
HOEGEMEYER	365	52.6	9–24	1.9	32	2750	55.0	35.0	19.4	337
-----	PROBST	52.3	9–25	1.6	35	2750	56.5	35.2	19.1	334
OHLDE(MW Genetc)	2930	52.1	9–21	1.4	31	2590	55.0	34.4	19.7	333
DEKALB Genetics	CX313	52.0	9–24	1.7	36	2580	55.5	33.8	20.1	332
-----	RESNIK	52.0	9–24	1.8	34	2840	56.0	36.1	19.3	338
TERRA	TORCH	51.9	9–27	1.9	34	2740	56.5	35.1	19.2	332
HOEGEMEYER	292	51.9	9–18	2.0	32	2670	55.0	35.6	19.2	334
OHLDE(MW Genetc)	3010	51.7	9–23	1.6	35	3000	55.0	34.6	19.0	326
ICI	D321	51.7	9–22	1.8	32	2860	55.0	34.8	19.3	330
-----	CHAPMAN	50.9	9–19	1.5	33	2190	55.5	35.3	20.2	334
-----	DUNBAR	50.4	9–25	1.7	33	2930	57.0	35.6	19.2	324
-----	PELLA 86	48.5	9–22	1.7	34	2290	55.5	34.8	19.9	314
SEXAUER	SX–2785	47.2	9–19	1.4	35	2650	54.0	34.6	20.4	307
Average all entries		52.5	9–23	1.7	33	2664	55.4	35.1	19.4	337
Dif. Req. for Sig.	5%	NS	1	NS	1	120	0.5	0.4	0.2	NS
	25%	NS	1	0.1	1	68	0.3	0.2	0.1	NS
		Three Year Averages								
SANDS	SOI 333	54.9	9–24	1.8	34	2760	55.3	35.4	19.3	356
TERRA	TS312	53.9	9–23	1.7	33	2580	55.7	35.6	19.2	350
WILSON	3250	53.8	9–25	1.8	32	2700	56.0	35.3	19.2	348
KRUGER	K–3769+	53.7	9–28	1.7	35	2680	55.7	35.6	18.9	347
MERSHMAN	KENNEDY IV	53.2	9–29	1.9	35	2770	56.3	35.5	18.9	343
MERSHMAN	HOOVER III	52.8	9–22	1.6	33	2680	55.7	35.5	19.3	344
HOEGEMEYER	365	52.8	9–25	1.9	33	2770	55.3	35.2	19.2	342
TERRA	TORCH	52.4	9–28	1.8	34	2800	56.7	35.4	19.0	338
-----	CHAPMAN	51.8	9–21	1.7	33	2220	56.0	35.4	20.0	341
-----	RESNIK	50.8	9–25	1.8	34	2870	56.3	36.2	19.1	332
-----	DUNBAR	50.2	9–26	1.5	33	3010	57.7	35.8	18.9	325
-----	PELLA 86	48.0	9–23	1.6	34	2320	56.0	34.9	19.6	312
SEXAUER	SX–2785	47.8	9–20	1.7	35	2610	54.7	34.8	20.2	313
Average all entries		52.0	9–25	1.7	34	2673	56.0	35.4	19.3	338
Dif. Req. for Sig.	5%	1.4	1	NS	1	90	0.3	0.3	0.2	9
	25%	0.8	1	NS	1	51	0.2	0.2	0.1	5

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Southeast Early Maturing Soybean Variety Tests – 1991 – 1995. Page 2

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Four Year Averages								
TERRA	TS312	52.1	9–21	1.5	33	2690	55.8	35.6	18.9	338
KRUGER	K–3769+	51.9	9–26	1.6	35	2680	55.8	35.6	18.7	335
MERSHMAN	KENNEDY IV	51.5	9–27	1.8	35	2750	56.3	35.4	18.8	333
HOEGEMEYER	365	51.1	9–22	1.7	32	2810	55.5	35.3	18.9	331
TERRA	TORCH	51.0	9–26	1.6	34	2810	56.5	35.4	18.8	330
MERSHMAN	HOOVER III	50.8	9–20	1.5	33	2710	55.8	35.5	19.0	331
-----	CHAPMAN	49.6	9–18	1.6	33	2340	56.3	35.6	19.5	327
-----	DUNBAR	49.1	9–23	1.4	33	3070	58.0	35.9	18.6	318
-----	RESNIK	48.6	9–23	1.6	34	2910	56.5	36.1	18.8	317
SEXAUER	SX–2785	46.7	9–18	1.5	35	2670	55.0	34.8	19.8	305
-----	PELLA 86	46.7	9–20	1.5	34	2330	56.3	34.9	19.3	303
Average all entries		49.9	9–22	1.6	34	2706	56.1	35.5	19.0	324
Dif. Req. for Sig.	5%	1.1	1	NS	1	91	0.3	0.2	0.2	7
	25%	0.6	1	NS	1	52	0.2	0.1	0.1	4
		Five Year Averages								
KRUGER	K–3769+	55.9	9–24	1.8	36	2680	56.0	35.5	18.6	362
-----	DUNBAR	52.6	9–22	1.5	35	3010	58.4	35.8	18.5	342
-----	RESNIK	51.7	9–23	1.7	35	2860	56.8	36.0	18.7	337
-----	PELLA 86	50.1	9–20	1.6	36	2350	56.6	34.9	19.1	324
Average all entries		52.6	9–22	1.7	36	2728	57.0	35.6	18.7	341
Dif. Req. for Sig.	5%	0.8	1	NS	NS	83	0.2	0.2	0.1	5
	25%	0.4	1	0.1	NS	46	0.1	0.1	0.1	3

Southeast Late Maturing Soybean Variety Tests – 1995

Brand	Variety	Yield Average bu/a	Yield Nemaha bu/a	Yield Fillmore bu/a	Plant Maturity date	Plant Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
KAUP SEED	KS 3464	56.6	51.3	61.8 **	9–26	1.5	33	2810	56.4	33.8	19.2	353.75
-----	U91–3607	56.3	59.2 **	53.3	10– 1	1.6	36	2770	56.4	34.4	19.3	357.50
KAUP SEED	KS 3632	55.6	57.1 *	54.1	10– 2	1.4	37	2850	56.4	34.8	18.6	349.17
DYNA–GRO	D.G. 3340	55.2	55.0 *	55.4 *	9–29	1.3	38	2800	57.0	34.1	18.8	343.90
-----	IROQUOIS	54.8	55.9 *	53.6	9–29	1.5	39	2810	57.3	34.8	18.9	346.34
OHLDE(MW Genetc)	X602	54.7	52.3	57.1 *	10– 1	1.8	39	2970	57.8	33.9	18.6	338.05
-----	MACON	54.3	53.4 *	55.2 *	10– 3	1.1	37	2700	57.4	34.0	18.6	335.57
MERSHMAN	FILLMORE IV	53.9	49.7	58.0 *	10– 2	1.0	34	2690	56.6	33.7	18.7	332.02
-----	ODELL	53.3	54.0 *	52.9	10– 1	1.8	40	2910	57.1	34.3	19.5	338.45
OHLDE(MW Genetc)	X819	53.2	48.4	58.0 *	9–27	2.0	35	3060	56.4	34.1	19.0	333.56
STINE	3660	53.0	51.5	54.5	10– 3	1.1	36	2660	56.9	34.2	18.5	328.07
SANDS	EXP 9635	52.7	49.9	55.4 *	9–30	1.1	37	2820	56.3	33.8	19.3	330.43
LEWIS HYBRIDS	322	52.5	52.6	52.3	9–30	1.8	36	2910	57.7	33.8	18.8	325.50
LYNKS SEEDS	5373	52.4	53.9 *	50.9	10– 2	1.5	38	3040	56.9	34.8	18.5	328.55
-----	CHARLESTON	52.3	51.5	53.1	10– 2	1.1	23	2810	57.8	35.5	18.2	328.44
-----	PROBST	52.3	50.4	54.1	10– 2	1.4	38	3080	58.0	34.2	18.5	323.74
OHLDE(MW Genetc)	3250	52.1	48.2	56.0 *	9–28	1.6	35	2950	56.0	34.2	18.8	325.10
MERSHMAN	KENNEDY IV	52.1	50.4	53.8	10– 2	1.5	37	3000	56.9	34.7	18.5	325.62
STINE	3570	52.0	50.3	53.6	10– 3	1.2	34	2980	56.8	36.1	18.3	330.72
MYCOGEN	360	51.8	50.1	53.4	10– 2	1.6	40	2770	57.1	34.7	18.8	326.34
-----	HAMILTON	51.6	51.9	48.5	10– 3	1.9	36	2820	57.5	33.9	19.2	324.05
HOEGEMEYER	380	51.4	49.3	53.4	10– 2	1.6	36	2940	56.6	34.5	18.7	321.25
TERRA	TS393	51.1	52.2	50.0	10– 7	1.6	38	2910	57.1	35.7	18.0	320.40
SANDS	SOI 306	50.9	51.7	50.1	10– 2	1.9	37	2940	56.5	34.4	18.5	316.60
ROLLING MEADOWS	9536	50.8	53.6 *	47.9	10– 2	1.5	38	2930	56.5	34.9	18.5	317.50
ICI	D371	50.7	48.4	53.0	10– 2	1.8	36	2950	56.7	34.7	18.6	317.38
TERRA	E374	50.1	49.5	50.7	9–30	1.7	35	3270	56.9	33.9	18.6	309.62
TERRA	E415	49.6	52.0	47.2	10– 2	1.9	39	3240	56.9	32.3	18.8	300.08
-----	DUNBAR	49.3	46.5	52.1	9–30	1.7	35	3200	59.2	34.5	18.7	308.62
OHLDE(MW Genetc)	3580	49.0	49.2	48.8	10– 3	1.6	39	2980	56.7	34.4	18.4	304.29
ICI	D396	48.9	53.0	44.7	10– 4	1.1	40	3410	56.7	34.3	18.5	303.18

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Southeast Late Maturing Soybean Variety Tests – 1995. Page 2

Brand	Variety	Average bu/a	Yield Nemaha bu/a	Fillmore bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
-----	YALE	48.9	47.7	50.1	10-3	1.5	37	3030	58.6	34.2	19.1	307.58
TERRA	TORCH	48.8	46.8	50.8	10-1	1.5	38	2960	57.0	34.6	18.7	305.98
LYNKS SEEDS	5415	48.8	46.5	51.0	10-4	1.1	38	2980	56.9	34.3	18.8	304.51
-----	U92-3604	48.7	46.1	51.3	9-29	1.3	33	3160	56.8	35.6	18.5	308.76
-----	EDISON	48.5	46.4	50.5	10-2	1.1	36	3260	57.5	34.2	18.3	299.24
KRUGER	K-4040	48.3	52.9	43.6	10-5	1.8	41	3200	56.8	32.8	18.7	293.18
-----	PELLA 86	48.1	50.3	45.8	9-30	1.8	39	2380	57.1	34.1	18.6	298.22
M/W GENETICS	G 3880	48.0	52.1	43.9	10-6	1.6	40	2960	57.2	35.4	17.7	297.60
DEKALB Genetics	CX377	47.9	51.3	44.4	10-2	1.4	41	2840	56.4	33.9	18.8	296.98
OHLDE(MW Genetc)	3374	47.8	46.6	49.0	9-29	1.8	44	3260	56.9	33.0	19.5	297.32
-----	RESNIK	47.8	45.1	50.4	9-29	1.3	34	3020	57.2	35.5	18.4	301.62
M/W GENETICS	G 3410	47.7	50.9	44.5	9-30	2.0	39	2890	57.9	34.2	18.7	296.69
HOEGEMEYER	350	47.6	47.7	47.5	10-2	1.0	31	2950	56.7	34.2	18.0	291.31
SEXAUER	SX-3441	47.4	47.5	47.3	10-1	1.3	40	2750	56.9	34.4	18.8	296.72
-----	HOBBIT 87	47.4	43.7	51.0	10-1	1.0	18	2640	57.5	33.8	19.8	300.99
KRUGER	K-3919	47.3	46.7	47.9	10-4	1.3	38	2940	56.8	34.3	18.8	295.15
DEKALB Genetics	CX399	47.2	48.5	45.8	10-2	1.3	40	3170	57.5	33.2	18.6	287.92
HOEGEMEYER	401	46.8	51.3	42.3	10-6	1.5	36	3040	56.4	34.2	18.5	289.69
KRUGER	K-4004	46.6	49.3	43.8	10-4	1.4	40	2950	57.2	35.0	18.0	289.39
DEKALB Genetics	CX368	46.1	45.0	47.2	10-2	1.3	37	2890	56.7	34.5	18.5	287.20
MERSHMAN	EISENHOWER I	46.0	45.4	46.5	10-6	1.5	39	2930	57.1	35.3	17.9	286.12
WILLCROSS	92	45.8	46.2	45.4	10-6	1.5	36	3170	57.0	34.5	18.4	284.88
KRUGER	K-4101+	45.5	47.4	43.5	10-4	1.6	39	3200	57.3	34.1	18.6	282.10
-----	CORSICA	44.4	48.8	39.9	10-3	2.3	39	2960	57.1	35.0	18.0	275.72
-----	PIATT	43.4	43.4	43.3	9-29	1.4	38	3160	57.8	33.5	18.8	267.34
Average all entries		50.1	50.0	50.2	10-2	1.5	37	2956	57.1	34.3	18.7	314.34
Dif. Req. for Sig.	5%	NS	6.1	7.1	1	0.5	3	170	0.4	0.6	0.4	NS
	25%	4	3.6	4.1	1	0.3	2	99	0.3	0.3	0.2	23.33

** denotes top yielding variety at each location

* denotes varieties not significantly different than top yielding variety at each location

Southeast Late Maturing Soybean Variety Tests – 1991 – 1995

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Two Year Averages								
MERSHMAN	FILLMORE IV	56.0	9–27	1.7	34	2480	56.0	34.3	18.6	348
SANDS	SOI 306	54.9	9–29	2.5	36	2710	56.5	35.0	18.6	346
KAUP SEED	KS 3632	54.5	9–27	1.9	36	2660	55.5	35.1	18.7	344
HOEGEMEYER	380	53.8	9–28	2.1	35	2680	56.0	34.9	18.7	339
LYNKS SEEDS	5373	53.3	9–28	2.1	36	2780	56.0	35.4	18.6	337
MERSHMAN	KENNEDY IV	52.9	9–28	2.0	36	2740	56.5	35.0	18.6	333
TERRA	TORCH	52.8	9–27	1.8	36	2790	56.5	35.1	18.7	333
-----	PROBST	52.7	9–26	1.9	36	2810	57.0	34.7	18.7	330
ICI	D371	52.6	9–30	2.3	35	2740	56.5	35.2	18.7	333
-----	HAMILTON	52.5	9–29	2.4	35	2550	57.0	34.7	19.4	335
OHLDE(MW Genetc)	3580	52.2	9–28	2.3	37	2710	56.5	35.0	18.6	328
MERSHMAN	EISENHOWER III	51.2	10– 2	2.0	38	2590	56.5	35.6	18.4	325
-----	CHARLESTON	51.1	9–26	1.2	22	2740	57.0	35.5	18.5	324
-----	DUNBAR	51.0	9–25	2.1	34	2910	57.5	35.1	18.8	323
M/W GENETICS	G 3880	50.9	10– 2	2.2	38	2610	56.5	35.8	18.4	323
ICI	D396	50.8	10– 1	2.1	38	2990	56.5	34.7	18.8	320
-----	EDISON	50.7	9–27	1.4	34	3080	57.0	34.6	18.6	317
HOEGEMEYER	401	50.4	9–30	2.0	35	2760	55.5	34.4	19.0	318
-----	CORSICA	49.6	9–28	2.6	37	2670	56.5	35.6	18.3	313
DEKALB Genetics	CX377	49.5	9–28	1.9	40	2620	55.5	34.4	19.0	312
SEXAUER	SX–3441	49.4	9–26	1.6	37	2580	56.0	34.7	18.9	311
-----	RESNIK	49.4	9–24	1.7	34	2850	56.0	35.9	18.6	315
HOEGEMEYER	350	48.9	9–28	1.6	30	2770	56.0	35.0	18.3	306
-----	HOBBIT 87	48.3	9–26	1.1	20	2590	57.0	33.8	20.0	308
-----	YALE	48.3	9–27	1.8	37	2760	58.0	34.5	19.4	308
-----	PELLA 86	47.0	9–24	2.2	36	2220	56.0	34.4	19.1	296
-----	PIATT	46.3	9–25	1.5	37	2980	57.0	33.9	19.0	289
Average all entries		51.1	9–27	1.9	35	2716	56.5	34.9	18.8	323
Dif. Req. for Sig.	5%	NS	2	0.3	1	117	0.3	0.3	0.3	NS
	25%	1.0	1	0.2	1	67	0.2	0.2	0.2	7
		Three Year Averages								
HOEGEMEYER	380	54.5	9–29	2.1	35	2730	56.3	35.4	18.6	348
TERRA	TORCH	53.9	9–29	1.9	36	2820	56.3	35.3	18.6	344
SANDS	SOI 306	53.8	9–30	2.4	35	2750	56.3	35.3	18.5	343
KAUP SEED	KS 3632	53.1	9–29	2.1	35	2730	55.7	35.4	18.6	339
ICI	D371	52.6	10– 1	2.3	36	2760	56.3	35.5	18.5	337
-----	HAMILTON	52.5	9–30	2.5	35	2610	56.7	35.2	19.1	339
MERSHMAN	KENNEDY IV	52.1	9–30	2.1	36	2770	56.7	35.3	18.4	332
OHLDE(MW Genetc)	3580	51.9	9–29	2.4	36	2740	56.3	35.2	18.5	331
-----	EDISON	51.9	9–28	1.4	34	3110	57.0	35.0	18.4	329

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Southeast Late Maturing Soybean Variety Tests – 1991 – 1995. Page 2

Brand	Variety	Average bu/a	Maturity date	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Three Year Averages (Continued)								
-----	DUNBAR	51.4	9–27	2.0	34	2960	57.7	35.5	18.5	330
HOEGEMEYER	401	51.2	10– 1	1.9	36	2810	55.7	35.0	18.8	327
-----	CORSICA	50.7	9–30	2.6	36	2720	56.7	35.9	18.2	324
-----	CHARLESTON	50.7	9–27	1.8	24	2870	57.0	35.8	18.4	325
SEXAUER	SX–3441	50.5	9–28	1.6	37	2610	56.3	35.1	18.6	323
-----	RESNIK	49.6	9–26	1.7	34	2870	56.3	36.1	18.4	320
HOEGEMEYER	350	49.1	9–29	1.6	31	2830	56.0	35.5	18.2	312
-----	PIATT	47.7	9–27	1.6	38	3090	57.3	34.3	18.7	301
-----	HOBBIT 87	47.6	9–27	1.4	22	2740	57.0	34.1	19.7	306
-----	PELLA 86	47.6	9–25	2.2	35	2250	56.3	34.7	19.1	304
Average all entries		51.2	9–29	2.0	34	2777	56.5	35.2	18.6	327
Dif. Req. for Sig.	5%	1.4	1	0.3	1	79	0.3	0.2	0.2	9
	25%	0.6	1	0.2	1	46	0.2	0.1	0.1	5
		Four Year Averages								
TERRA	TORCH	51.5	9–27	1.7	36	2830	56.3	35.2	18.5	329
HOEGEMEYER	380	51.2	9–27	1.9	35	2800	56.5	35.3	18.5	328
ICI	D371	50.4	9–29	2.0	35	2790	56.5	35.4	18.3	323
-----	HAMILTON	50.2	9–28	2.3	35	2640	56.8	35.2	18.9	324
HOEGEMEYER	401	49.7	9–30	1.7	36	2810	55.8	35.0	18.6	317
-----	CHARLESTON	49.7	9–25	1.7	25	2910	57.3	35.8	18.2	319
-----	DUNBAR	49.3	9–25	1.8	34	3000	57.8	35.6	18.3	317
-----	EDISON	49.2	9–26	1.3	33	3150	57.0	35.1	18.3	313
-----	CORSICA	48.6	9–28	2.3	35	2750	56.5	35.9	18.1	313
-----	RESNIK	47.2	9–24	1.6	34	2900	56.5	36.0	18.3	305
-----	HOBBIT 87	45.5	9–25	1.3	22	2830	57.0	34.2	19.5	292
-----	PELLA 86	45.4	9–23	2.0	35	2300	56.5	34.7	18.9	290
Average all entries		49.0	9–26	1.8	33	2808	56.7	35.3	18.5	314
Dif. Req. for Sig.	5%	1.1	1	0.2	1	74	0.2	0.2	0.2	7
	25%	0.6	1	0.1	1	42	0.1	0.1	0.1	4
		Five Year Averages								
HOEGEMEYER	401	53.5	9–30	1.9	37	2780	56.0	35.0	18.6	343
-----	HAMILTON	52.9	9–28	2.5	36	2600	57.0	35.2	18.9	343
-----	DUNBAR	52.8	9–25	1.9	35	2920	58.2	35.6	18.3	341
-----	EDISON	52.6	9–26	1.4	34	3080	57.2	35.1	18.3	336
-----	CORSICA	51.6	9–28	2.4	37	2720	56.8	35.9	18.1	333
-----	RESNIK	50.6	9–24	1.7	34	2840	56.8	36.0	18.3	328
-----	HOBBIT 87	50.0	9–25	1.2	22	2760	57.2	34.2	19.4	321
-----	PELLA 86	49.0	9–23	2.0	36	2230	56.8	34.7	18.8	314
Average all entries		51.6	9–26	1.9	34	2740	57.0	35.2	18.6	332
Dif. Req. for Sig.	5%	0.9	1	0.2	1	66	0.2	0.2	0.2	6
	25%	0.5	1	0.1	1	38	0.1	0.1	0.1	3

Scotts Bluff Irrigated Soybean Variety Test – 1995

Brand	Variety	Average bu/a	Maturity date	Plant height inches	Bushel lb/bu	Protein %	Oil %	EPVA $/a
JACOBSEN	J742	34.2	9– 9	34	57.6	33.2	17.9	205.20
-----	CHAPMAN	33.3	9– 6	39	58.1	30.7	18.6	194.47
-----	STURDY	27.4	9– 7	39	58.5	32.7	17.6	161.66
-----	KENWOOD 94	25.4	9– 7	35	57.3	32.1	18.3	150.88
-----	HOLT	24.0	9–10	32	57.1	29.5	19.9	142.56
-----	CONRAD	23.6	9– 6	35	57.5	26.6	19.4	130.98
Average all entries		28.0	9– 8	36	57.7	30.8	18.6	164.2
Dif. Req. for Sig.	5%	NS	3	2	0.7	NS	NS	NS
	25%	6.0	1	1	0.4	NS	NS	NS

West District Irrigated Soybean Variety Tests – 1992 – 1995

Brand	Variety	Average bu/a	Maturity date	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Two Year Averages							
-----	CHAPMAN	25.3	9–10	33	2940	56.5	33.9	18.3	153
-----	KENWOOD 94	22.2	9–11	31	3890	56.0	33.9	18.0	134
-----	STURDY	21.5	9–11	32	3200	57.0	34.1	18.1	130
-----	CONRAD	21.1	9–11	30	3450	56.5	30.9	18.8	123
-----	HOLT	20.7	9–12	29	3340	56.0	32.8	19.2	126
Average all entries		22.1	9–11	31	3364	56.4	33.1	18.5	133
Dif. Req. for Sig.	5%	NS	NS	NS	NS	NS	NS	NS	NS
	25%	NS	NS	NS	NS	NS	NS	NS	NS
		Three Year Averages							
-----	CHAPMAN	21.5	9–14	33	3390	56.7	34.3	17.3	130
-----	KENWOOD 94	20.0	9–15	31	4170	56.7	33.4	17.4	120
-----	CONRAD	19.8	9–14	30	3800	56.3	31.6	17.6	116
-----	HOLT	18.3	9–14	29	3530	56.3	33.2	18.4	112
-----	STURDY	17.4	9–14	32	3410	57.3	34.3	17.4	106
Average all entries		19.4	9–14	31	3658	56.7	33.4	17.6	117
Dif. Req. for Sig.	5%	NS	NS	NS	241	NS	NS	NS	NS
	25%	NS	NS	NS	116.0	NS	1.0	NS	NS
		Four Year Averages							
-----	CHAPMAN	21.8	9–14	30	3100	57.3	34.7	17.0	133
-----	KENWOOD 94	20.3	9–15	29	3760	57.0	33.9	17.1	123
-----	CONRAD	19.9	9–14	28	3410	56.8	32.8	17.0	118
-----	STURDY	18.8	9–14	29	3050	57.5	34.9	17.0	116
-----	HOLT	18.4	9–14	27	3230	57.0	34.0	17.7	113
Average all entries		19.8	9–14	29	3311	57.1	34.1	17.2	121
Dif. Req. for Sig.	5%	NS	NS	NS	160	NS	NS	NS	NS
	25%	NS	NS	NS	86	NS	NS	NS	NS

Central Irrigated Soybean Variety Tests – 1995

Brand	Variety	Yield Average bu/a	Yield Merrick bu/a	Yield Dawson bu/a	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
DEKALB Genetics	CX278	49.3	46.5	52.0	1.9	38	2480	55.7	33.3	19.3	306.65
-----	CONRAD	47.7	42.2	53.2	1.5	34	2630	55.3	34.4	19.2	301.46
-----	CHAPMAN	46.3	40.4	52.2	1.2	32	2340	56.1	34.5	19.7	296.32
-----	HOLT	46.2	44.3	48.0	1.0	32	2370	55.4	34.9	19.5	296.60
DYNA-GRO	D.G. 3260	46.2	43.7	48.7	1.1	35	2700	55.3	33.4	20.0	292.91
DEKALB Genetics	CX313	46.0	42.8	49.1	1.6	36	2630	56.4	33.5	19.3	287.04
-----	COLFAX	45.7	38.2	53.1	1.0	24	2260	55.9	34.7	19.6	293.39
-----	KENWOOD 94	45.3	38.8	51.7	1.5	34	2640	56.0	33.9	19.1	283.12
OHLDE(MW Genetc)	3250	45.3	41.4	49.1	1.9	32	2870	56.2	33.9	19.1	283.12
KAUP SEED	KS 3464	44.5	44.0	45.0	1.6	31	2650	56.3	33.3	19.2	276.79
-----	IA3003	44.3	46.1	42.5	1.5	30	2270	56.9	35.0	18.6	279.09
-----	U92-2426	42.8	39.8	45.7	1.5	32	2520	56.1	35.2	19.0	272.21
-----	IROQUOIS	42.8	40.8	44.8	1.8	36	2830	57.8	34.9	18.7	269.64
OHLDE(MW Genetc)	2825	42.7	37.1	48.3	1.2	28	2760	56.2	34.2	20.1	274.56
OHLDE(MW Genetc)	2650	42.7	39.7	45.6	1.0	28	2670	56.3	34.6	19.3	271.57
-----	A91-607052	42.4	40.3	44.4	1.5	28	2630	57.2	33.1	20.0	267.54
-----	U91-3607	42.2	41.5	42.8	1.7	34	2800	55.6	34.0	19.6	267.55
-----	PELLA 86	42.2	35.6	48.8	1.7	37	2440	57.5	33.7	19.2	263.75
-----	ODELL	42.2	42.1	42.2	2.1	36	2930	55.5	33.9	19.4	265.86
-----	MACON	42.0	40.0	43.9	1.9	33	2730	56.4	33.5	18.9	259.98
-----	STURDY	41.6	34.6	48.6	1.4	33	2550	56.6	34.2	19.0	260.83
-----	U91-2527	41.5	45.3	37.7	1.2	33	2740	56.2	33.6	19.5	260.62
OHLDE(MW Genetc)	2930	41.5	33.6	49.3	1.9	31	2730	56.6	33.8	19.7	262.70
AGRIPRO SEEDS	AP3355	41.4	38.6	44.1	1.4	34	2680	56.7	32.2	19.6	254.61
-----	DUNBAR	41.2	39.9	42.5	1.6	35	2880	57.7	35.0	18.5	258.32
KAUP SEED	KS 3047	41.0	39.2	42.7	1.6	30	2890	57.8	34.0	18.9	255.43
OHLDE(MW Genetc)	X804	40.7	34.6	46.7	1.3	30	2910	56.4	33.9	18.8	252.75
-----	A91-607024	40.7	32.7	48.6	1.5	37	2740	57.8	34.1	18.8	253.97
-----	RESNIK	40.6	42.5	38.6	1.5	33	3080	56.4	34.5	18.7	253.75
-----	PROBST	40.6	38.6	42.5	2.0	33	3040	57.4	34.3	18.5	251.72
DYNA-GRO	3368	40.6	36.4	44.8	1.8	35	2900	56.8	34.2	18.5	251.72
DYNA-GRO	3303	40.2	34.9	45.4	1.8	33	2870	57.5	33.8	18.8	249.24
-----	U92-3604	39.5	37.6	41.4	5.5	31	3030	56.0	35.7	18.6	251.62
-----	HOBBIT 87	38.7	38.2	39.2	1.2	19	2880	56.0	32.6	20.2	243.04
-----	YALE	37.5	34.9	40.0	1.7	35	3020	56.4	34.5	18.8	235.12
-----	CHARLESTON	35.2	33.4	36.9	1.2	21	3090	56.2	34.2	18.6	218.59
Average all entries		42.7	39.5	45.8	1.6	32	2737	56.5	34.0	19.2	273.96
Dif. Req. for Sig.	5%	NS	NS	NS	NS	4	154	1.5	0.7	0.4	NS
	25%	NS	NS	3.5	NS	2	89	0.9	0.4	0.2	24.42

Central Irrigated Soybean Variety Test 1991 – 1995

Brand	Variety	Average bu/a	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Two Year Averages							
OHLDE(MW Genetc)	3250	54.3	1.8	33	2800	56.5	34.4	19.0	342
-----	CHAPMAN	54.1	1.4	33	2270	56.0	35.0	19.6	349
-----	PROBST	52.5	1.9	34	2940	56.0	34.7	18.6	330
-----	DUNBAR	52.4	1.6	35	2850	58.0	35.5	18.6	333
-----	RESNIK	52.2	1.5	34	2930	56.5	35.2	18.6	330
OHLDE(MW Genetc)	2930	52.0	1.7	31	2620	56.5	34.2	19.4	330
-----	CONRAD	51.0	1.4	34	2560	55.5	34.8	19.3	325
-----	YALE	50.9	1.7	35	2920	55.0	35.2	19.1	327
-----	KENWOOD 94	50.4	1.7	35	2650	54.5	34.4	19.3	320
-----	PELLA 86	50.4	1.7	36	2310	57.0	34.1	19.2	318
OHLDE(MW Genetc)	2650	49.0	1.0	29	2570	56.0	35.1	19.1	313
-----	HOLT	49.0	1.2	32	2360	55.0	35.6	19.3	316
-----	HOBBIT 87	47.9	1.1	21	2840	55.0	33.2	20.1	303
-----	IA3003	47.7	1.6	30	2210	57.5	35.5	18.7	303
-----	COLFAX	47.4	1.0	24	2270	56.0	35.3	19.3	305
-----	STURDY	46.7	1.6	33	2420	55.5	34.9	19.0	296
-----	CHARLESTON	46.1	1.3	22	2950	55.5	34.9	18.8	291
Average all entries		50.2	1.5	31	2615.0	56.0	34.8	19.1	319
Dif. Req. for Sig.	5%	NS	0.1	1	78	NS	0.2	0.3	NS
	25%	NS	0.1	1	44	0.5	0.1	0.1	NS
		Three Year Averages							
OHLDE(MW Genetc)	3250	55.1	1.6	33	2850	56.0	34.6	18.6	348
-----	DUNBAR	53.2	1.5	35	2690	58.3	35.5	18.0	338
-----	CHAPMAN	53.1	1.3	33	2110	55.7	35.0	19.3	344
-----	KENWOOD 94	52.7	1.7	35	2740	55.0	34.4	18.9	334
-----	CONRAD	52.3	1.4	34	2430	55.3	34.6	18.8	331
-----	RESNIK	51.6	1.3	34	2970	56.3	35.3	18.2	328
-----	PELLA 86	50.5	1.6	36	2340	56.7	34.3	19.0	320
-----	HOLT	50.3	1.1	31	2430	55.0	35.5	19.1	326
-----	COLFAX	49.1	1.0	25	2360	56.0	35.1	19.1	316
-----	CHARLESTON	48.8	1.6	23	2800	56.0	35.0	18.3	309
-----	HOBBIT 87	48.2	1.2	23	2960	55.7	33.3	19.5	303
-----	STURDY	47.8	1.4	33	2440	55.7	35.0	18.6	305
Average all entries		51.1	1.4	31	2593	56.0	34.8	18.8	325
Dif. Req. for Sig.	5%	NS	NS	1	166	0.7	0.2	0.2	NS
	25%	NS	0.1	1	94	0.4	0.1	0.1	NS

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Central Irrigated Soybean Variety Test 1991 – 1995. Page 2

Brand	Variety	Average bu/a	Lodging rating	Plant height inches	Seeds /lb	Bushel lb/bu	Protein %	Oil %	EPVA $/a
		Four Year Averages							
-----	DUNBAR	53.6	1.4	34	2720	58.5	35.3	18.1	341
-----	CHAPMAN	51.6	1.3	32	2160	56.0	34.9	19.1	333
-----	CONRAD	50.0	1.3	33	2460	55.3	34.5	18.7	316
-----	KENWOOD 94	49.7	1.6	34	2680	54.5	34.5	18.7	315
-----	PELLA 86	49.5	1.5	34	2310	56.0	34.3	18.8	314
-----	RESNIK	49.1	1.3	33	2900	56.0	35.2	18.2	312
-----	HOLT	48.3	1.1	30	2440	55.3	35.3	18.9	312
-----	COLFAX	46.8	1.0	24	2370	56.0	34.9	18.9	301
-----	STURDY	46.6	1.4	32	2410	55.5	35.0	18.4	298
-----	CHARLESTON	45.4	1.6	22	2780	56.3	34.9	18.2	288
-----	HOBBIT 87	44.8	1.1	22	2880	55.5	33.5	19.3	283
Average all entries		48.7	1.3	30	2554	55.9	34.8	18.7	310
Dif. Req. for Sig.	5%	NS	0.1	1	135	0.7	0.2	0.2	NS
	25%	1.1	0.1	1	77	0.4	0.1	0.1	7
		Five Year Averages							
-----	CHAPMAN	52.0	2.8	33	2200	56.4	34.9	19.0	336
-----	CONRAD	50.9	3.1	33	2520	55.6	34.4	18.6	322
-----	KENWOOD 94	49.2	5.2	35	2710	55.0	34.4	18.7	312
-----	HOLT	48.1	3.9	31	2460	55.6	35.2	18.8	311
-----	STURDY	46.6	3.9	33	2430	56.0	35.0	18.4	298
Average all entries		49.4	3.8	33	2465	55.7	34.8	18.7	316
Dif. Req. for Sig.	5%	1.2	NS	1	113	NS	0.2	0.1	7
	25%	0.7	NS	1	63	NS	0.1	0.1	4

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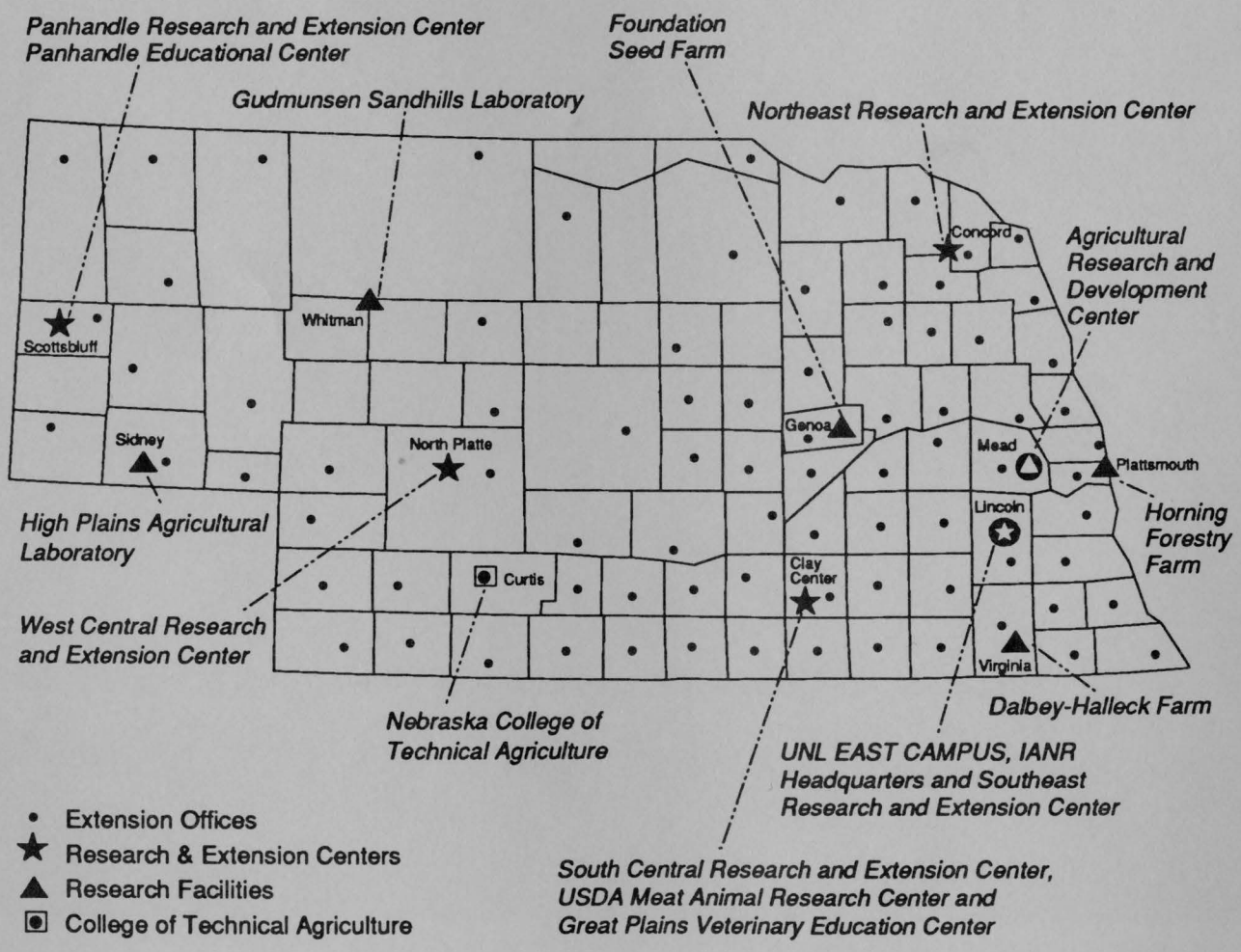

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