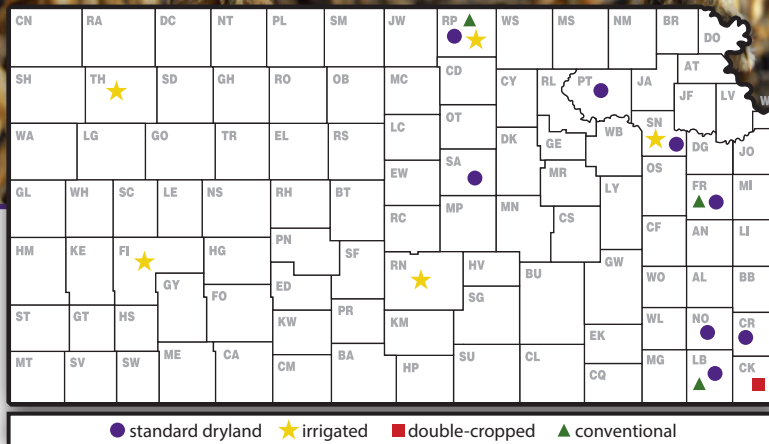


# 2015 Kansas Performance Tests with

# Soybean Varieties



## Report of Progress 1121



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# 2015 KANSAS SOYBEAN PERFORMANCE TESTS

## TEST OBJECTIVES AND PROCEDURES

Soybean performance tests are conducted each year to provide information on the relative performance of new and established varieties and brands at several locations in Kansas.

Seeds for tests are from private seed companies, certified growers, and agricultural experiment stations (Table 1). Seed quality, including factors such as purity and germination, can be important in determining the performance of a variety. Soybean seed used for private and public entries in the Kansas Crop Performance Tests is prepared professionally and usually meets or exceeds Kansas Crop Improvement Certification standards. Relative performance of a given variety comparable to that obtained in these tests is best assured under similar environmental conditions and cultural practices and with the use of certified or professionally prepared seed. All companies known to be developing and marketing soybean varieties or brands are invited to submit test seed; interested companies enter on a voluntary, fee-entry basis. Companies were invited to enter Roundup-resistant varieties in either the Roundup trials or the conventional/Liberty Link trials at Scandia, Ottawa, or Parsons.

Entries were planted in four-row plots with rows 30 inches apart and were replicated three or four times each. Seeding rate ranged from 7 to 12 seeds per foot of row. The center two rows of each plot were harvested for yield. Harvested row lengths ranged from 11 to 33 feet, depending on location. Cultural practices and rainfall for each test location are presented with each table. Results from this year's tests are presented in Tables 2 through 21. Relative yields of each entry from all locations are shown in Tables 22 and 23. Test results also can be found online at: <http://www.agronomy.k-state.edu/services/crop-performance-tests/soybean>

## DATA INTERPRETATION

**Yields** are recorded as bushels per acre (60 lb/bushel) adjusted to 13% moisture content, when moisture data are available. Seed yield also is expressed as a percentage of the test average to assist in identifying entries that consistently produce better than the average yield.

**Maturity** is the date on which 95% of the pods have ripened (browned). Delayed leaf drop and green stems are not considered when assigning maturity. About 1 week of good drying weather after maturing is needed before soybeans are ready to harvest.

**Lodging** is rated at maturity by the following scores:

1. Almost all plants erect
2. All plants slightly leaning or a few plants down
3. All plants leaning moderately (45%) or 25 to 50% of plants down
4. All plants leaning considerably or 50 to 80% plants down
5. Almost all plants down

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

## VARIETY OR BRAND SELECTION

Performance of soybean varieties or brands varies from year to year and from location to location, depending on factors such as weather, management practices, and variety adaptation. When selecting varieties or brands, producers should carefully analyze variety performance for two or more years across locations. Performance averaged over several environments will provide a better estimate of genetic potential and stability than performance based on a few environments.

Small differences in yield between any two varieties or brands usually are not important. Within maturity groups at each location, a LSD (least significant difference) was calculated. The significance level used to calculate the LSD was 10%. Unless two varieties differ in yield by more than the LSD, genetic yield potential of one entry cannot be considered superior to that of another.

The coefficient of variability (CV) represents an estimate of the precision in the replicated yield trials. A CV of less than 10% indicates a good test with a high level of reliability. CVs ranging from 10 to 15% are usually acceptable for performance comparisons. CVs greater than 15% generally lack sufficient precision to provide any more than a rough guide to cultivar performance. For tests in which the precision was insufficient to statistically compare performance among the entries, the LSD value has been replaced with the designation NS, indicating that seed yields were not significantly different.

**Table 1. Entrants in the 2015 Kansas Soybean Performance**

---

**Arkansas Ag. Exp. Stn. (AES)**  
Fayetteville, AK  
479-871-6972

**eMerge Genetics**  
West Des Moines, IA  
866-769-7200  
emergegenetics.com

**NK Brand**  
Golden Harvest Brand Seed  
Minnetonka, MN  
800-445-0956  
garstseed.com

**Iowa State University**  
Ames, IA  
515-292-3497

**Frontier Seed**  
Concordia, MO  
660-463-0243  
newfrontiergenetics.com

**Phillips**  
Phillips Seed Farms, Inc  
Hope, KS  
785-949-2204  
phillipsseed.com

**Kansas Ag. Exp. Stn. (AES)**  
Manhattan, KS  
785-532-7243

**LG Seeds**  
Elmwood, IL  
800-752-6847  
lgseeds.com

**Pioneer**  
Pioneer Hi-Bred, Intl., Inc.  
Lincoln, NE  
800-258-5604  
pioneer.com

**Asgrow**  
Monsanto  
St. Louis, MO  
800-768-6387  
asgrowanddekalb.com

**Midland**  
Midland Genetics Group  
Ottawa, KS  
785-242-3598  
midlandgenetics.com

**Willcross**  
NeCo Seed Farms, Inc.  
Garden City, MO  
816-862-8203  
willcross.com

**Credenz**  
Bayer CropScience  
Research Triangle Park, NC  
870-351-0390  
bayer.com

**Morsoy**  
MFA Incorporated  
Columbia, MO  
573-876-5363  
morsoy.com

**Lance Rezac Farm, Onaga, Pottawatomie County; Bill Schapaugh, agronomist**

Excessive soil moisture delayed planting until 6/22/2015. Wet conditions continued throughout vegetative development and limited plant growth. During late pod-fill soil moisture became limiting, stressing the plants and reducing yields.

April May June July Aug. Sept. Total  
 Rainfall: 1.6 10.3 6.8 8.8 3.3 3.8 34.6

Planted 6/22/2015 at 8 seeds/ft; harvested 10/21/2015; 11 ft. by 4-row plot; pesticides: Cobra and Select as POST.

**Table 2. Onaga, Pottawatomie County Dryland Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	32.5	--	--	--	--	105	--	--	10/4	1.0	31
ASGROW	AG4232	29.5	--	--	--	--	96	--	--	10/15	1.0	35
CREDENZ	CZ 3060 RY	29.7	--	--	--	--	96	--	--	10/5	1.0	25
CREDENZ	CZ 3383 RY	32.9	--	--	--	--	106	--	--	10/3	1.0	28
CREDENZ	CZ 3560 RY	32.3	47.3	--	39.8	--	105	97	--	10/5	1.0	27
CREDENZ	CZ 3991 RY	31.4	--	--	--	--	102	--	--	10/7	1.0	28
LG SEEDS	C3915R2	<b>33.6</b>	--	--	--	--	109	--	--	10/5	1.0	29
LG SEEDS	C3989R2	<b>35.2</b>	<b>52.3</b>	<b>58.9</b>	43.7	48.8	114	107	109	10/5	1.0	29
MIDLAND	3633NR2	31.3	--	51.6	--	--	101	--	96	10/4	1.0	31
MIDLAND	3686NR2	30.6	--	--	--	--	99	--	--	10/5	1.0	28
MIDLAND	3926NRS2	32.9	--	--	--	--	106	--	--	10/7	1.0	30
MIDLAND	3976NR2	<b>35.3</b>	--	--	--	--	114	--	--	10/5	1.0	30
MIDLAND	3983NR2	31.4	<b>51.8</b>	46.8	41.6	43.3	102	106	87	10/8	1.0	30
MIDLAND	4044NR2	32.5	<b>50.7</b>	53.5	41.6	45.6	105	104	99	10/7	1.0	27
MIDLAND	4256NR2	29.1	--	--	--	--	94	--	--	10/7	1.0	30
MIDLAND	4373NR2	30.7	46.9	52.6	38.8	43.4	99	96	98	10/11	1.0	28
MIDLAND	4566NR2	28.2	--	--	--	--	91	--	--	10/15	1.0	27
MORSOY	37X15	31.9	--	--	--	--	103	--	--	10/4	1.0	28
MORSOY	38x52	<b>34.1</b>	47.0	54.3	40.6	45.1	110	97	101	10/5	1.0	30
MORSOY	38x85	<b>35.4</b>	--	--	--	--	115	--	--	10/4	1.0	31
MORSOY	39x14	<b>34.0</b>	<b>49.8</b>	--	41.9	--	110	102	--	10/5	1.0	30
MORSOY	41x04	29.6	--	--	--	--	96	--	--	10/11	1.0	33
MORSOY	MS XP 1510	32.8	--	--	--	--	106	--	--	10/7	1.0	28
PHILLIPS	363 NR2YE	30.5	45.9	53.2	38.2	43.2	99	94	99	10/7	1.0	30
PHILLIPS	375 NR2YS	31.6	45.6	50.3	38.6	42.5	102	94	93	10/5	1.0	28
PHILLIPS	383 NR2YE	<b>33.9</b>	<b>52.7</b>	51.7	43.3	46.1	110	108	96	10/5	1.0	31
PHILLIPS	384 NR2YS	31.5	47.4	56.4	39.4	45.1	102	97	105	10/8	1.0	30
PHILLIPS	392 NR2YS	27.8	53.6	51.9	40.7	44.4	90	110	96	10/7	1.0	29
PHILLIPS	411 NR2Y	29.1	47.1	51.2	38.1	42.4	94	97	95	10/11	1.0	27
PHILLIPS	433 NR2YS	30.9	--	<b>59.2</b>	--	--	100	--	110	10/15	1.0	31
PIONEER	P35T58R	25.9	--	--	--	--	84	--	--	10/4	1.0	28
PIONEER	P39T67R	30.1	--	--	--	--	97	--	--	10/9	1.0	27
	AVERAGES	30.9	48.7	53.8								
	CV (%)	6.6	7.2	6.9								
	LSD (0.10)	2.4	4.1	4.4								

Values in bold are in the upper LSD group.

**J.D. Hanna, Erma Harden Farm, Topeka, Shawnee County; Eric Adee, agronomist**

Season started off very wet, receiving more than 10 inches of rain in May, about average rainfall in June, then 8-9 inches in July. Combined with moderate temperatures, the growing conditions were very good, resulting in taller than usual soybeans.

Rainfall:      April May June July Aug. Sept. Total  
 1.6 10.3 6.8 8.8 3.3 3.8 34.6

Planted 6/2/2015 at 8 seeds/ft; harvested 10/14/2015; 11 ft. by 4-row plot; pesticides: Pre-emerge applied 6/2- 5.0 oz Authority Maxx + 1.5 pt Cinch + 32 oz Roundup PowerMax + Array. Post-emerge applied 7/1- 26 oz Roundup PowerMax + 12 oz Outlook + 3 pt Extreme.

**Table 3. Topeka, Shawnee County Dryland Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	73.3	--	--	--	--	92	--	--	10/1	3.0	46
ASGROW	AG4232	<b>89.5</b>	--	--	--	--	112	--	--	10/12	3.0	48
KANSAS AES	K4313NRRT	<b>86.1</b>	--	--	--	--	108	--	--	10/7	3.8	41
MIDLAND	3686NR2	75.0	--	--	--	--	94	--	--	10/5	2.0	41
MIDLAND	3926NRS2	81.1	--	--	--	--	101	--	--	10/5	1.5	41
MIDLAND	3976NR2	74.7	--	--	--	--	93	--	--	10/3	1.0	47
MIDLAND	3983NR2	<b>86.7</b>	<b>65.1</b>	51.0	75.9	67.6	108	110	98	10/9	3.0	48
MIDLAND	4044NR2	75.0	51.8	52.7	63.4	59.8	94	88	102	10/7	2.0	43
MIDLAND	4256NR2	78.5	--	--	--	--	98	--	--	10/10	2.5	40
MIDLAND	4373NR2	76.0	56.4	55.4	66.2	62.6	95	95	107	10/9	2.8	42
MIDLAND	4566NR2	<b>84.6</b>	--	--	--	--	106	--	--	10/13	2.8	40
MORSOY	37X15	82.5	--	--	--	--	103	--	--	10/4	2.0	44
MORSOY	38x52	82.0	55.8	<b>57.7</b>	68.9	65.2	103	94	111	10/5	3.0	46
MORSOY	38x85	72.6	--	--	--	--	91	--	--	10/3	1.3	44
MORSOY	39x14	80.9	60.0	--	70.4	--	101	102	--	10/6	1.8	45
MORSOY	41x04	80.3	--	--	--	--	100	--	--	10/5	2.5	48
MORSOY	41x45	78.3	--	--	--	--	98	--	--	10/8	1.8	47
MORSOY	42x55	82.0	--	--	--	--	102	--	--	10/9	1.8	46
MORSOY	43x53	78.3	61.7	52.7	70.0	64.2	98	104	102	10/8	2.3	42
MORSOY	45x73	<b>85.8</b>	--	--	--	--	107	--	--	10/9	3.0	53
MORSOY	MS XP 1510	82.1	--	--	--	--	103	--	--	10/7	1.0	32
NK	S39-U2	75.5	54.6	--	65.1	--	94	92	--	10/5	3.0	42
PHILLIPS	363 NR2YE	78.0	<b>65.7</b>	<b>60.4</b>	71.9	68.1	98	111	117	10/4	2.0	46
PHILLIPS	375 NR2YS	76.4	54.8	<b>57.8</b>	65.6	63.0	95	93	112	10/9	1.5	43
PHILLIPS	383 NR2YE	76.5	57.0	54.7	66.8	62.7	96	96	106	10/5	1.0	46
PHILLIPS	384 NR2YS	76.2	54.8	56.5	65.5	62.5	95	93	109	10/5	2.0	46
PHILLIPS	392 NR2YS	74.7	--	47.6	--	--	93	--	92	10/8	2.8	47
PHILLIPS	411 NR2Y	<b>86.3</b>	58.7	53.6	72.5	66.2	108	99	103	10/11	2.5	45
PHILLIPS	433 NR2YS	<b>83.5</b>	--	--	--	--	104	--	--	10/12	2.3	43
PIONEER	P35T58R	77.8	--	--	--	--	97	--	--	10/3	3.5	44
PIONEER	P39T67R	<b>91.2</b>	--	--	--	--	114	--	--	10/6	2.8	37
WILLCROSS	WXE2435N	<b>85.2</b>	--	--	--	--	106	--	--	10/5	2.0	40
WILLCROSS	WXE2465N	<b>85.4</b>	--	--	--	--	107	--	--	10/12	3.0	48
WILLCROSS	WXR2395N	73.3	--	--	--	--	92	--	--	10/4	1.7	38
	AVERAGES	80.0	59.1	51.8								
	CV (%)	8.4	9.3	5.9								
	LSD (0.10)	7.9	6.5	3.6								

Values in bold are in the upper LSD group.

**Kansas River Valley Experiment Field, Topeka, Shawnee County: Eric Adee, agronomist**

Season started off very wet, receiving more than 10 inches of rain in May, about average rainfall in June, then 6-7 inches in July. Combined with moderate temperatures, the growing conditions were very good, resulting in taller than usual soybeans. Only received 2 irrigations in late August and early September. Contrary to expectations due to wet conditions, sudden death syndrome was not as severe as in the past, showing up later and percent of defoliation was less than in previous years. As a result, the yields were much higher than previous years.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	2.3	10.3	4.4	6.1	2.7	6.3	32.1
Irrigation:							

Planted 5/22/2015 at 8 seeds/ft; harvested 10/12/2015; 11 ft. by 4-row plot; pesticides: Pre-emerge applied 5/22- 5.0 oz Authority Maxx + 1.5 pt Dual II Mag + 22 oz Roundup PowerMax + Array. Post-emerge applied on 7/6- 22 oz Roundup PowerMaxx + 12 oz Outlook.

**Table 4. Topeka, Shawnee County Irrigated Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	65.8	--	--	--	--	98	--	--	10/1	4.3	41
ASGROW	AG4232	68.4	--	--	--	--	102	--	--	10/7	3.3	44
MIDLAND	3686NR2	66.7	--	--	--	--	99	--	--	10/1	1.8	40
MIDLAND	3926NRS2	<b>77.1</b>	--	--	--	--	114	--	--	10/1	2.0	40
MIDLAND	3976NR2	<b>75.1</b>	--	--	--	--	112	--	--	10/5	2.5	41
MIDLAND	4044NR2	58.2	34.8	60.8	46.5	51.3	86	85	88	10/3	2.3	40
MIDLAND	4256NR2	69.0	--	--	--	--	102	--	--	10/6	3.3	47
MIDLAND	4373NR2	68.7	44.3	<b>80.9</b>	56.5	64.6	102	109	117	10/7	3.3	42
MIDLAND	4566NR2	57.6	--	--	--	--	86	--	--	10/3	4.0	45
MORSOY	37X15	66.9	--	--	--	--	99	--	--	10/3	3.3	42
MORSOY	38x52	<b>70.1</b>	<b>47.3</b>	--	58.7	--	104	116	--	10/1	3.8	40
MORSOY	38x85	<b>70.4</b>	--	--	--	--	104	--	--	10/4	2.3	40
MORSOY	39x14	<b>77.6</b>	<b>45.9</b>	--	61.7	--	115	113	--	10/4	2.3	40
MORSOY	41x04	60.1	--	--	--	--	89	--	--	10/1	3.3	47
MORSOY	41x45	<b>75.7</b>	--	--	--	--	112	--	--	10/5	2.5	46
MORSOY	42x55	62.6	--	--	--	--	93	--	--	10/1	1.8	45
MORSOY	43x53	65.0	32.0	<b>73.2</b>	48.5	56.7	96	79	105	10/7	2.8	41
MORSOY	45x73	<b>71.3</b>	--	--	--	--	106	--	--	10/11	3.0	49
MORSOY	MS XP 1510	<b>71.2</b>	--	--	--	--	106	--	--	10/2	2.5	42
NK	S39-U2	68.0	43.5	--	55.8	--	101	107	--	10/3	3.5	40
PHILLIPS	363 NR2YE	61.1	<b>45.3</b>	<b>82.2</b>	53.2	62.8	91	111	118	10/3	3.0	42
PHILLIPS	375 NR2YS	63.4	39.0	<b>75.9</b>	51.2	59.4	94	96	109	10/4	1.8	44
PHILLIPS	383 NR2YE	67.6	<b>46.2</b>	63.2	56.9	59.0	100	114	91	10/1	3.0	43
PHILLIPS	384 NR2YS	63.6	--	--	--	--	94	--	--	10/4	3.3	44
PHILLIPS	392 NR2YS	47.9	--	57.4	--	--	71	--	83	10/1	3.5	39
PHILLIPS	411 NR2Y	<b>77.5</b>	<b>44.5</b>	66.8	61.0	63.0	115	109	96	10/8	3.3	39
PHILLIPS	433 NR2YS	56.9	--	--	--	--	84	--	--	10/1	2.8	40
PIONEER	P35T58R	<b>75.4</b>	--	--	--	--	112	--	--	9/29	4.8	43
PIONEER	P39T67R	<b>74.8</b>	--	--	--	--	111	--	--	10/3	3.5	40
WILLCROSS	WXE2435N	67.4	--	--	--	--	100	--	--	10/5	3.0	43
WILLCROSS	WXE2465N	62.8	--	--	--	--	93	--	--	10/3	3.3	46
WILLCROSS	WXR2395N	<b>71.8</b>	--	--	--	--	107	--	--	10/3	2.8	40
	AVERAGES	67.4	40.7	69.4								
	CV (%)	9.4	19.9	12.8								
	LSD (0.10)	7.4	9.5	10.5								

Values in bold are in the upper LSD group.



**East Central Kansas Experiment Field, Ottawa, Franklin County; Eric Adee, agronomist**

A very wet spring delayed planting slightly with more than 18" of rain in April, May, June and July. July thru harvest, received a little more than 8" of rain.

Growing conditions were good with most varieties reaching late season canopy. Weed control was excellent and yields were very favorable considering wet conditions early in the season.

April May June July Aug. Sept. Total  
 Rainfall: 3.5 10.7 4.4 3.3 2.3 3.5 27.7

Planted 6/10/2015 at 8 seeds/ft; harvested 10/21/2015; 26 ft. by 4-row plot; pesticides: Pre-emerge applied June 10- 7 oz Authority XL + 1.5 pt Cinch. Post-emerge applied July 22- 22 oz Roundup PowerMax + AMS.

**Table 5. Ottawa, Franklin County Dryland Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	61.1	--	--	--	--	103	--	--	10/5	1.0	31
ASGROW	AG4232	60.1	--	--	--	--	102	--	--	10/10	1.0	34
FRONTIER SEED	3SR92	52.6	--	--	--	--	89	--	--	10/7	1.0	27
FRONTIER SEED	4SR62	56.5	--	--	--	--	96	--	--	10/11	1.0	34
MIDLAND	3633NR2	60.8	<b>46.3</b>	--	53.5	--	103	114	--	10/5	1.0	32
MIDLAND	3926NRS2	58.5	--	--	--	--	99	--	--	10/9	1.0	30
MIDLAND	3976NR2	58.5	--	--	--	--	99	--	--	10/4	1.0	33
MIDLAND	3983NR2	58.8	<b>44.4</b>	61.4	51.6	54.9	100	110	106	10/7	1.0	33
MIDLAND	4256NR2	58.3	--	--	--	--	99	--	--	10/10	1.0	33
MIDLAND	4373NR2	57.5	40.7	<b>64.9</b>	49.1	54.4	97	100	112	10/13	1.1	31
MIDLAND	4566NR2	<b>66.2</b>	--	--	--	--	112	--	--	10/10	1.0	32
MIDLAND	4614NRS2	57.9	35.2	--	46.5	--	98	87	--	10/11	1.0	37
MIDLAND	4745NRS2	60.6	42.5	--	51.6	--	103	105	--	10/11	1.0	34
MIDLAND	4963NRS2	58.3	32.3	--	45.3	--	99	80	--	10/12	1.0	36
MORSOY	37X15	58.9	--	--	--	--	100	--	--	10/4	1.0	29
MORSOY	38x52	58.6	--	--	--	--	99	--	--	10/5	1.0	34
MORSOY	38x85	58.7	--	--	--	--	99	--	--	10/5	1.0	30
MORSOY	39x14	61.6	42.5	--	52.0	--	104	105	--	10/8	1.0	32
MORSOY	41x04	60.0	--	--	--	--	102	--	--	10/8	1.0	35
MORSOY	41x45	61.0	--	--	--	--	103	--	--	10/9	1.0	32
MORSOY	42x55	<b>64.4</b>	--	--	--	--	109	--	--	10/7	1.0	32
MORSOY	43x53	58.4	38.6	61.7	48.5	52.9	99	95	107	10/9	1.0	33
MORSOY	45x73	<b>66.5</b>	38.5	--	52.5	--	113	95	--	10/11	1.0	36
MORSOY	47x12	<b>63.1</b>	34.6	55.3	48.8	51.0	107	85	96	10/11	1.0	38
MORSOY	48x22	56.3	28.0	--	42.1	--	95	69	--	10/11	1.0	36
MORSOY	MS XP 1510	60.3	--	--	--	--	102	--	--	10/8	1.0	30
MORSOY	MS XP 1516	57.8	--	--	--	--	98	--	--	10/12	1.0	35
MORSOY	MS XP 1517	59.7	--	--	--	--	101	--	--	10/10	1.0	34
NK	S39-U2	60.3	<b>45.4</b>	--	52.9	--	102	112	--	10/7	1.0	31
PHILLIPS	384 NR2YS	58.3	41.9	--	50.1	--	99	103	--	10/6	1.0	33
PHILLIPS	392 NR2YS	57.1	38.3	--	47.7	--	97	94	--	10/8	1.0	34
PHILLIPS	411 NR2Y	60.4	44.0	--	52.2	--	102	108	--	10/11	1.0	30
PHILLIPS	433 NR2YS	62.2	39.2	--	50.7	--	105	97	--	10/10	1.0	31
PHILLIPS	454 R2YSE	<b>64.6</b>	42.6	--	53.6	--	109	105	--	10/10	1.0	30
PHILLIPS	469 NR2YS	62.2	--	--	--	--	105	--	--	10/11	1.0	35
PIONEER	P35T58R	55.6	--	--	--	--	94	--	--	10/4	1.0	32
PIONEER	P39T67R	57.8	--	--	--	--	98	--	--	10/7	1.0	28
WILLCROSS	WXE2435N	56.6	--	--	--	--	96	--	--	10/12	1.0	31
WILLCROSS	WXE2465N	<b>67.7</b>	--	--	--	--	115	--	--	10/10	1.0	30
WILLCROSS	WXR2395N	58.2	--	--	--	--	99	--	--	10/5	1.0	31
	AVERAGES	59.1	40.5	57.7								
	CV (%)	7.5	13.7	6.1								
	LSD (0.10)	5.2	6.5	4.2								

Values in bold are in the upper LSD group.



**Southeast Agricultural Research Center, Columbus, Cherokee County; Lonnie Mengarelli, research technician**

April May June July Aug. Sept. Total

Rainfall: 4.5 10.1 3.8 5.5 4.5 4.3 32.7

Planted 6/25/2015 at 7 seeds/ft; harvested 11/10/2015; 14 ft. by 4-row plot; pesticides: 2 qt Glyphosate + 3 oz Atrazine + 1 pt Dual Mag.

**Table 6. Parsons, Labette County Dryland Soybean Performance Test, Maturity Groups III-IV, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	53.8	--	--	--	--	94	--	--	10/2	1.0	29
ASGROW	AG4232	<b>60.7</b>	--	--	--	--	106	--	--	10/8	1.0	34
CREDENZ	CZ 4181 RY	55.5	41.6	--	48.6	--	97	92	--	10/7	1.0	32
CREDENZ	CZ 4590 RY	52.7	--	--	--	--	92	--	--	10/8	1.0	33
MIDLAND	4614NRS2	<b>58.9</b>	45.7	--	52.3	--	103	101	--	10/8	1.0	32
MIDLAND	4745NRS2	<b>60.6</b>	46.2	--	53.4	--	106	102	--	10/10	1.0	33
MORSOY	41x45	56.4	--	--	--	--	99	--	--	10/7	1.0	32
MORSOY	43x53	<b>60.7</b>	--	--	--	--	106	--	--	10/8	1.0	33
MORSOY	45x73	<b>59.4</b>	46.5	--	52.9	--	104	103	--	10/9	1.0	33
MORSOY	47x12	55.0	<b>51.0</b>	<b>50.3</b>	53.0	52.1	97	113	--	10/13	1.0	38
MORSOY	MS XP 1516	56.0	--	--	--	--	98	--	--	10/11	1.0	35
PIONEER	P35T58R	54.3	--	--	--	--	95	--	--	10/4	1.0	28
PIONEER	P39T67R	57.3	--	--	--	--	100	--	--	10/7	1.0	26
	AVERAGES	57.0	45.1	42.0								
	CV (%)	3.9	5.4	7.7								
	LSD (0.10)	3.2	2.9	3.9								

Values in bold are in the upper LSD group.

**Southeast Agricultural Research Center, Parsons, Labette County; Lonnie Mengarelli, research technician**

April May June July Aug. Sept. Total

Rainfall: 4.5 10.1 3.8 5.5 4.5 4.3 32.7

Planted 6/25/2015 at 7 seeds/ft; harvested 11/10/2015; 14 ft. by 4-row plot; pesticides: 2 qt Glyphosate + 3 oz Atrazine + 1 pt Dual Mag.

**Table 7. Parsons, Labette County Dryland Soybean Performance Test, Maturity Groups IV-V, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG5335	<b>65.1</b>	--	--	--	--	110	--	--	10/13	1.0	37
CREDENZ	CZ 4959 RY	54.9	--	--	--	--	92	--	--	10/11	1.0	32
MIDLAND	4963NRS2	<b>61.8</b>	41.8	--	51.8	--	104	93	--	10/11	1.0	34
MIDLAND	5286NRS2	<b>62.8</b>	--	--	--	--	106	--	--	10/13	1.0	37
MORSOY	48x22	59.3	44.4	--	51.9	--	100	98	--	10/11	1.0	35
MORSOY	50x64	<b>61.3</b>	<b>48.0</b>	--	54.7	--	103	106	--	10/9	1.0	35
MORSOY	52x25	<b>62.5</b>	--	--	--	--	105	--	--	10/13	1.0	36
MORSOY	MS XP 1517	53.8	--	--	--	--	91	--	--	10/7	1.0	33
PIONEER	48T53R	<b>63.3</b>	--	--	--	--	107	--	--	10/9	1.0	31
PIONEER	49T09BR	<b>63.0</b>	--	--	--	--	106	--	--	10/9	1.0	34
PIONEER	49T80R	<b>62.0</b>	--	--	--	--	104	--	--	10/11	1.0	33
PIONEER	50T15BR	<b>64.4</b>	--	--	--	--	108	--	--	10/13	1.0	33
PIONEER	50T40	<b>65.5</b>	--	--	--	--	110	--	--	10/9	1.0	29
PIONEER	53T73STS	51.4	--	--	--	--	87	--	--	10/13	1.0	29
WILLCROSS	RY2494NS	57.5	43.3	<b>51.6</b>	50.4	50.8	97	96	--	10/11	1.0	33
WILLCROSS	WX 2524N	51.4	<b>48.9</b>	--	50.2	--	87	109	--	10/13	1.0	37
WILLCROSS	WXE2485N	60.4	--	--	--	--	102	--	--	10/9	1.0	35
WILLCROSS	WXE2495N	<b>62.2</b>	--	--	--	--	105	--	--	10/13	1.0	40
WILLCROSS	WXE2535NS	58.4	--	--	--	--	98	--	--	10/13	1.0	38
	AVERAGES	59.4	45.1	45.7								
	CV (%)	6.4	6.0	6.3								
	LSD (0.10)	4.5	3.2	3.4								

Values in bold are in the upper LSD group.

**Vernon Egbert Farm, McCune, Crawford County; Bill Schapaugh, agronomist**

Low to no weed pressure. Good stands. Adequate moisture.

April May June July Aug. Sept. Total

Rainfall: 4.8 11.5 6.3 6.7 6.5 2.7 38.5

Planted 6/24/2015 at 8 seeds/ft; harvested 11/2/2015; 12 ft. by 4-row plot; pesticides: Preplant- Dual II Magnum, Authority First.

**Table 8. McCune, Crawford County Dryland Soybean Performance Test, Maturity Groups III-IV, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	42.6	--	--	--	--	86	--	--	10/9	1.8	30
ASGROW	AG4232	<b>56.9</b>	--	--	--	--	115	--	--	10/13	1.3	33
MIDLAND	4614NRS2	<b>54.5</b>	52.1	--	53.3	--	110	103	--	10/11	2.0	34
MIDLAND	4745NRS2	<b>53.6</b>	<b>53.0</b>	--	53.3	--	109	104	--	10/19	1.3	32
MORSOY	41x45	49.7	--	--	--	--	101	--	--	10/11	1.5	32
MORSOY	43x53	46.7	--	--	--	--	95	--	--	10/13	1.0	33
MORSOY	45x73	51.6	--	--	--	--	105	--	--	10/12	1.5	34
MORSOY	47x12	52.6	<b>54.9</b>	--	53.8	--	107	108	--	10/19	1.8	35
MORSOY	MS XP 1516	53.2	--	--	--	--	108	--	--	10/18	1.3	33
PIONEER	P35T58R	39.7	--	--	--	--	81	--	--	10/9	1.5	30
PIONEER	P39T67R	41.3	--	--	--	--	84	--	--	10/11	1.8	26
	AVERAGES	49.3	50.8	46.9								
	CV (%)	6.0	4.6	6.9								
	LSD (0.10)	3.5	2.8	3.9								

Values in bold are in the upper LSD group.

**Vernon Egbert Farm, McCune, Crawford County; Bill Schapaugh, agronomist**

Low to no weed pressure. Good stands. Adequate moisture.

April May June July Aug. Sept. Total

Rainfall: 4.8 11.5 6.3 6.7 6.5 2.7 38.5

Planted 6/24/2015 at 8 seeds/ft; harvested 11/2/2015; 12 ft. by 4-row plot; pesticides: Preplant- Dual II Magnum, Authority First.

**Table 9. McCune, Crawford County Dryland Soybean Performance Test, Maturity Groups IV-V, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG5335	49.5	--	--	--	--	97	--	--	10/22	1.0	32
MIDLAND	4963NRS2	53.0	<b>54.4</b>	--	53.7	--	104	108	--	10/19	1.0	32
MIDLAND	5286NRS2	50.5	--	--	--	--	99	--	--	10/21	1.5	35
MORSOY	48x22	53.3	51.1	--	52.2	--	104	102	--	10/19	1.5	32
MORSOY	50x64	51.5	44.8	--	48.1	--	101	89	--	10/21	1.5	33
MORSOY	52x25	51.8	--	--	--	--	101	--	--	10/23	1.8	35
MORSOY	MS XP 1517	49.6	--	--	--	--	97	--	--	10/17	1.8	32
PIONEER	48T53R	49.3	50.3	--	49.8	--	96	100	--	10/20	1.5	30
PIONEER	49T09BR	54.1	--	--	--	--	106	--	--	10/17	1.0	32
PIONEER	49T80R	53.6	--	--	--	--	105	--	--	10/17	1.8	34
PIONEER	50T15BR	50.6	--	--	--	--	99	--	--	10/21	1.0	30
PIONEER	50T40	50.7	--	--	--	--	99	--	--	10/20	1.5	30
PIONEER	53T73STS	50.0	--	--	--	--	98	--	--	10/20	1.0	23
WILLCROSS	RY2494NS	53.2	<b>55.4</b>	50.0	54.3	52.9	104	110	--	10/19	1.5	30
WILLCROSS	WX 2524N	46.7	53.6	--	50.2	--	91	107	--	10/23	1.3	33
WILLCROSS	WXE2485N	<b>57.9</b>	--	--	--	--	113	--	--	10/16	1.3	33
WILLCROSS	WXE2495N	50.5	--	--	--	--	99	--	--	10/19	1.0	36
WILLCROSS	WXE2535NS	49.8	--	--	--	--	97	--	--	10/20	1.5	35
	AVERAGES	51.1	50.2	57.9								
	CV (%)	5.3	5.1	7.4								
	LSD (0.10)	3.2	3.0	5.1								

Values in bold are in the upper LSD group.

**Dale Roberds Farm, Pittsburg, Cherokee County: Bill Schapaugh, agronomist**

Low to no weed pressure. Good stands. Adequate moisture.

April May June July Aug. Sept. Total  
 Rainfall: 3.3 10.5 5.5 5.5 4.2 2.7 31.7

Planted 7/2/2015 at 7 seeds/ft; harvested 11/3/2015; 50 ft. by 4-row plot

**Table 10. Pittsburg, Cherokee County Double-Cropped Soybean Performance Test, Maturity Groups IV-V, 2014-2015**

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	39.7	--	--	--	--	81	--	--	10/15	1.8	31
ASGROW	AG4232	47.8	--	--	--	--	97	--	--	10/18	1.8	35
ASGROW	AG5335	<b>52.5</b>	--	--	--	--	107	--	--	10/25	1.0	35
MIDLAND	4614NRS2	<b>50.7</b>	34.8	--	42.7	--	103	103	--	10/20	1.5	35
MIDLAND	4745NRS2	49.1	34.2	--	41.6	--	100	101	--	10/20	1.0	34
MIDLAND	4963NRS2	<b>53.0</b>	38.2	--	45.6	--	108	113	--	10/20	1.5	35
MIDLAND	5286NRS2	<b>53.3</b>	--	--	--	--	109	--	--	10/24	1.8	39
MORSOY	45x73	<b>50.8</b>	--	--	--	--	104	--	--	10/21	1.3	36
MORSOY	47x12	<b>51.7</b>	--	--	--	--	105	--	--	10/22	1.5	36
MORSOY	48x22	<b>50.5</b>	--	--	--	--	103	--	--	10/23	1.5	33
MORSOY	50x64	<b>52.5</b>	--	--	--	--	107	--	--	10/21	1.8	34
MORSOY	52x25	<b>50.8</b>	--	--	--	--	103	--	--	10/23	1.8	36
MORSOY	MS XP 1516	<b>52.0</b>	--	--	--	--	106	--	--	10/23	1.0	33
MORSOY	MS XP 1517	<b>51.2</b>	--	--	--	--	104	--	--	10/22	1.3	32
PIONEER	48T53R	46.2	31.8	--	39.0	--	94	94	--	10/21	1.3	30
PIONEER	49T09BR	45.0	--	--	--	--	92	--	--	10/19	1.3	34
PIONEER	49T80R	46.4	--	--	--	--	95	--	--	10/21	1.0	31
PIONEER	50T15BR	<b>50.1</b>	--	--	--	--	102	--	--	10/24	1.3	32
PIONEER	50T40	45.2	--	--	--	--	92	--	--	10/23	1.5	29
PIONEER	53T73STS	46.9	--	--	--	--	96	--	--	10/23	1.0	34
PIONEER	P35T58R	40.5	--	--	--	--	83	--	--	10/15	1.3	28
PIONEER	P39T67R	41.9	--	--	--	--	85	--	--	10/15	1.0	27
WILLCROSS	RY2494NS	<b>54.0</b>	37.2	--	45.6	--	110	110	--	10/24	1.8	32
WILLCROSS	WX 2524N	48.7	<b>40.4</b>	--	44.6	--	99	120	--	10/18	2.5	39
WILLCROSS	WXE2485N	<b>54.2</b>	--	--	--	--	110	--	--	10/22	1.5	34
WILLCROSS	WXE2495N	<b>51.8</b>	--	--	--	--	105	--	--	10/24	1.8	38
WILLCROSS	WXE2535NS	<b>53.5</b>	--	--	--	--	109	--	--	10/25	1.8	38
	AVERAGES	49.1	33.7	--								
	CV (%)	7.6	4.1	--								
	LSD (0.10)	4.4	1.6	--								

Values in bold are in the upper LSD group.

**North Central Experiment Field, Scandia, Republic County; Andrew Esser, agronomist**

Good stands and early growth. Adequate moisture throughout season.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	1.9	5.2	4.9	3.6	5.1	1.7	22.4

Irrigation:

Planted 6/10/2015 at 9 seeds/ft; harvested 10/19/2015; 26 ft. by 2-row plot; pesticides: Applied on 6/25 1 qt. Makaze + 10 oz Intensity One and 1 qt/100g Liberty.

**Table 11. Scandia, Republic County Irrigated Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	<b>64.0</b>	--	--	--	--	108	--	--	--	--	--
ASGROW	AG4232	54.6	--	--	--	--	92	--	--	--	--	--
KANSAS AES	K4313NRRB	57.4	--	--	--	--	97	--	--	--	--	--
KANSAS AES	K4313NRRT	<b>61.9</b>	--	--	--	--	105	--	--	--	--	--
MIDLAND	3465NR2	55.3	57.2	--	56.3	--	93	93	--	--	--	--
MIDLAND	3686NR2	57.2	--	--	--	--	97	--	--	--	--	--
MIDLAND	3926NRS2	<b>61.8</b>	--	--	--	--	104	--	--	--	--	--
MIDLAND	3976NR2	<b>63.5</b>	--	--	--	--	107	--	--	--	--	--
MIDLAND	3983NR2	<b>61.3</b>	57.9	<b>62.7</b>	59.6	60.6	103	94	108	--	--	--
MIDLAND	4044NR2	58.7	62.8	<b>57.9</b>	60.7	59.8	99	102	100	--	--	--
MIDLAND	4256NR2	57.8	--	--	--	--	98	--	--	--	--	--
NK	S30-C1	<b>66.8</b>	64.5	--	65.6	--	113	105	--	--	--	--
NK	S31-F1	46.6	--	--	--	--	79	--	--	--	--	--
NK	S34-P7	<b>63.6</b>	--	--	--	--	107	--	--	--	--	--
NK	S35-A5	60.2	61.1	--	60.7	--	102	100	--	--	--	--
NK	S38-W4	<b>67.2</b>	62.3	<b>63.5</b>	64.7	64.3	113	101	110	--	--	--
NK	S39-T3	<b>66.5</b>	68.1	--	67.3	--	112	111	--	--	--	--
PHILLIPS	363 NR2YE	55.4	65.0	56.1	60.2	58.8	94	106	97	--	--	--
PHILLIPS	375 NR2YS	<b>61.2</b>	62.9	<b>58.3</b>	62.0	60.8	103	102	101	--	--	--
PHILLIPS	383 NR2YE	60.3	55.9	55.3	58.1	57.2	102	91	96	--	--	--
PHILLIPS	384 NR2YS	55.0	--	--	--	--	93	--	--	--	--	--
PHILLIPS	392 NR2YS	51.4	--	--	--	--	87	--	--	--	--	--
PHILLIPS	411 NR2Y	<b>62.0</b>	64.6	53.5	63.3	60.0	105	105	92	--	--	--
PHILLIPS	433 NR2YS	56.7	--	--	--	--	96	--	--	--	--	--
PIONEER	P35T58R	60.8	--	--	--	--	103	--	--	--	--	--
PIONEER	P39T67R	59.2	--	--	--	--	100	--	--	--	--	--
	AVERAGES	59.2	61.4	57.9								
	CV (%)	7.4	8.6	8.3								
	LSD (0.10)	6.0	7.4	6.6								

Values in bold are in the upper LSD group.

**North Central Kansas Experiment Field, Belleville, Republic County; Andrew Esser, agronomist**

Good stands and early growth. Adequate moisture throughout season.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.3	5.8	5.8	4.6	3.9	1.7	25.1

Planted 6/17/2015 at 8 seeds/ft; harvested 10/27/2015; 23 ft. by 4-row plot; pesticides: Applied 7/17- 12.5 oz Cobra + 10 oz. Intensity One + 1.5 qt Makaze.

**Table 12. Belleville, Republic County Dryland Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	<b>42.9</b>	--	--	--	--	106	--	--	--	1.0	28
ASGROW	AG4232	39.9	--	--	--	--	98	--	--	--	1.0	35
KANSAS AES	K4313NRRB	38.2	--	--	--	--	94	--	--	--	1.0	29
LG SEEDS	C3915R2	<b>44.7</b>	--	--	--	--	110	--	--	--	1.0	28
LG SEEDS	C3989R2	<b>43.5</b>	<b>68.4</b>	<b>47.1</b>	55.9	53.0	107	114	114	--	1.0	27
MIDLAND	3465NR2	40.1	<b>61.6</b>	--	50.9	--	99	103	--	--	1.0	29
MIDLAND	3633NR2	38.5	<b>64.1</b>	42.8	51.3	48.5	95	107	103	--	1.0	28
MIDLAND	3686NR2	36.5	--	--	--	--	90	--	--	--	1.0	27
MIDLAND	3926NRS2	39.8	--	--	--	--	98	--	--	--	1.0	25

**Table 12 continued. Belleville, Republic County Dryland Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHELLS					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
MIDLAND	3976NR2	<b>45.4</b>	--	--	--	--	112	--	--	--	1.0	29
MIDLAND	3983NR2	<b>42.3</b>	55.1	39.4	48.7	45.6	104	92	95	--	1.0	32
MIDLAND	4044NR2	<b>43.4</b>	<b>65.5</b>	<b>51.2</b>	54.5	53.4	107	109	124	--	1.0	28
MIDLAND	4256NR2	<b>41.4</b>	--	--	--	--	102	--	--	--	1.0	33
MIDLAND	4373NR2	<b>44.9</b>	54.6	--	49.8	--	110	91	--	--	1.0	30
NK	S30-C1	39.9	65.9	--	52.9	--	98	110	--	--	1.0	23
NK	S31-F1	38.8	--	--	--	--	95	--	--	--	1.0	27
NK	S34-P7	38.6	--	--	--	--	95	--	--	--	1.0	25
NK	S35-A5	39.2	57.9	--	48.5	--	96	96	--	--	1.0	28
NK	S38-W4	<b>44.4</b>	<b>63.1</b>	40.4	53.8	49.3	109	105	98	--	1.0	30
NK	S39-T3	39.7	--	--	--	--	98	--	--	--	1.0	29
PHILLIPS	363 NR2YE	<b>46.0</b>	<b>65.0</b>	42.8	55.5	51.3	113	108	103	--	1.0	30
PHILLIPS	375 NR2YS	<b>42.8</b>	56.1	42.1	49.4	47.0	105	93	102	--	1.0	30
PHILLIPS	383 NR2YE	<b>41.1</b>	56.5	37.0	48.8	44.8	101	94	89	--	1.0	28
PHILLIPS	384 NR2YS	<b>40.8</b>	<b>60.8</b>	38.0	50.8	46.5	100	101	92	--	1.0	29
PHILLIPS	392 NR2YS	<b>44.1</b>	--	42.5	--	--	108	--	103	--	1.0	31
PHILLIPS	411 NR2Y	40.1	<b>62.7</b>	<b>45.7</b>	51.4	49.5	99	104	110	--	1.0	28
PHILLIPS	433 NR2YS	<b>41.3</b>	--	--	--	--	102	--	--	--	1.0	29
PIONEER	P35T58R	33.3	--	--	--	--	82	--	--	--	1.0	28
PIONEER	P39T67R	37.1	--	--	--	--	91	--	--	--	1.0	24
	AVERAGES	<b>40.7</b>	60.1	41.4								
	CV (%)	9.8	12.8	13.1								
	LSD (0.10)	5.4	10.5	7.4								

Values in bold are in the upper LSD group.

**Clayton Short Farm, Assaria, Saline County; Bill Schapaugh, agronomist**

Excellent stand. Good moisture at planting. Dry and hot later in growing season.

April May June July Aug. Sept. Total

Rainfall: 1.8 8.3 4.5 3.9 3.9 2.3 24.7

Planted 6/10/2015 at 8 seeds/ft; harvested 10/16/2015; 12 ft. by 2-row plot

**Table 13. Assaria, Saline County Dryland Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHELLS					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	<b>52.8</b>	--	--	--	--	114	--	--	9/23	1.3	40
ASGROW	AG4232	44.8	--	--	--	--	97	--	--	10/2	1.3	44
MIDLAND	3746NR2	50.1	--	--	--	--	108	--	--	9/26	1.0	39
MIDLAND	3884NR2	47.2	--	--	--	--	102	--	--	9/26	1.0	38
MIDLAND	3926NRS2	<b>55.3</b>	--	--	--	--	119	--	--	9/27	1.0	39
MIDLAND	3976NR2	50.3	--	--	--	--	108	--	--	9/27	1.0	38
MIDLAND	4123NR2	43.9	--	--	--	--	95	--	--	10/1	1.0	42
MIDLAND	4263NRS2	44.3	26.0	<b>52.0</b>	35.1	40.7	95	101	107	9/28	1.0	38
MIDLAND	4806NRS2	40.7	--	--	--	--	88	--	--	10/2	1.0	40
PHILLIPS	363 NR2YE	49.8	--	--	--	--	107	--	--	9/23	1.0	39
PHILLIPS	375 NR2YS	41.9	27.8	45.2	34.9	38.3	90	108	93	9/28	1.0	40
PHILLIPS	383 NR2YE	46.4	25.3	<b>52.5</b>	35.8	41.4	100	99	108	9/25	1.0	38
PHILLIPS	384 NR2YS	44.9	22.7	<b>48.9</b>	33.8	38.8	97	89	101	9/28	1.0	41
PHILLIPS	392 NR2YS	36.1	26.5	<b>52.3</b>	31.3	38.3	78	103	108	9/28	1.0	37
PHILLIPS	411 NR2Y	<b>51.4</b>	23.0	48.5	37.2	41.0	111	90	100	9/29	1.0	35
PHILLIPS	433 NR2YS	43.6	27.4	<b>49.6</b>	35.5	40.2	94	107	102	10/2	1.0	36
PHILLIPS	454 R2YSE	44.8	26.3	<b>53.7</b>	35.6	41.6	96	103	111	10/3	1.0	38
PHILLIPS	469 NR2YS	48.1	23.2	--	35.6	--	104	90	--	10/1	1.0	42
PHILLIPS	499 NR2YS	37.4	24.5	--	31.0	--	81	96	--	10/2	1.0	38
PIONEER	P35T58R	50.1	--	--	--	--	108	--	--	9/25	1.0	39
PIONEER	P39T67R	<b>51.0</b>	--	--	--	--	110	--	--	10/3	1.0	34
	AVERAGES	46.4	25.7	48.4								
	CV (%)	9.2	6.1	8.9								
	LSD (0.10)	5.1	1.9	5.1								

**South Central Kansas Experiment Field, Hutchinson, Reno County: Gary Cramer, agronomist**

The month of May was extremely wet and delayed installation of all trials. Monthly precipitation for Feb. through April was in deficit by 4.1 inches. May rainfall exceeded normal by about 2.8 inches. June, July, and Aug. rainfall was below normal. Planting conditions were very good.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	2.0	6.6	2.4	3.4	2.1	3.7	20.2

Irrigation:

Planted 6/26/2015 at 8 seeds/ft; harvested 11/4/2015; 11 ft. by 2-row plot; pesticides: Pre-emerge Intero 4 oz+ First Rate 0.6 oz + Roundup Powermax 22 oz+ AMS 2% w/v+ NIS .5% v/v. Post-emerge sprayed July 3, Roundup WeatherMax 32 oz+ Warrant 48 oz + Section 8 oz.

**Table 14. Hutchinson, Reno County Irrigated Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	32.2	--	--	--	--	79	--	--	--	1.3	27
ASGROW	AG4232	41.1	--	--	--	--	101	--	--	--	1.8	35
KANSAS AES	K4313NRRB	38.0	--	--	--	--	93	--	--	--	1.8	29
LG SEEDS	C3915R2	38.3	--	--	--	--	94	--	--	--	2.0	29
LG SEEDS	C3989R2	<b>45.9</b>	<b>53.1</b>	59.4	49.5	52.8	113	124	91	--	1.0	31
LG SEEDS	C4696R2	40.3	<b>47.0</b>	--	43.7	--	99	109	--	--	1.8	33
LG SEEDS	C4780R2	43.1	<b>48.2</b>	--	45.7	--	106	112	--	--	1.3	37
LG SEEDS	C4867R2	43.3	--	--	--	--	106	--	--	--	1.3	31
MIDLAND	3746NR2	<b>47.5</b>	--	--	--	--	116	--	--	--	1.0	29
MIDLAND	3884NR2	40.0	--	--	--	--	98	--	--	--	1.3	28
MIDLAND	3926NRS2	42.4	--	--	--	--	104	--	--	--	1.0	30
MIDLAND	3976NR2	42.9	--	--	--	--	105	--	--	--	1.5	29
MIDLAND	4123NR2	40.2	--	--	--	--	98	--	--	--	2.4	35
MIDLAND	4263NRS2	<b>44.1</b>	41.7	<b>70.9</b>	42.9	52.2	108	97	109	--	1.0	29
MIDLAND	4580RS2	<b>44.5</b>	<b>51.1</b>	68.0	47.8	54.5	109	119	104	--	1.0	30
MIDLAND	4614NRS2	42.5	38.4	<b>68.9</b>	40.4	49.9	104	89	106	--	1.8	35
MIDLAND	4806NRS2	39.5	--	--	--	--	97	--	--	--	1.3	29
MIDLAND	5286NRS2	<b>44.0</b>	--	--	--	--	108	--	--	--	1.0	34
PHILLIPS	383 NR2YE	<b>47.0</b>	37.7	64.2	42.4	49.6	115	88	98	--	1.3	31
PHILLIPS	384 NR2YS	41.8	--	--	--	--	102	--	--	--	1.0	29
PHILLIPS	392 NR2YS	<b>46.0</b>	--	--	--	--	113	--	--	--	1.0	27
PHILLIPS	411 NR2Y	42.4	42.2	<b>68.7</b>	42.3	51.1	104	98	105	--	1.5	28
PHILLIPS	433 NR2YS	37.2	45.5	<b>70.2</b>	41.3	50.9	91	106	108	--	1.0	28
PHILLIPS	454 R2YSE	<b>43.9</b>	41.4	65.0	42.6	50.1	107	96	100	--	1.0	30
PHILLIPS	469 NR2YS	38.8	<b>49.2</b>	64.7	44.0	50.9	95	114	99	--	1.5	36
PHILLIPS	499 NR2YS	35.6	42.9	<b>70.0</b>	39.3	49.5	87	100	107	--	1.3	31
PIONEER	P35T58R	38.0	--	--	--	--	93	--	--	--	1.0	29
PIONEER	P39T67R	33.1	--	--	--	--	81	--	--	--	1.0	23
	AVERAGES	40.8	43.0	65.3								
	CV (%)	7.7	14.1	8.6								
	LSD (0.10)	3.7	7.2	6.6								

Values in bold are in the upper LSD group.

**Northwest Research-Extension Center, Colby, Thomas County: Pat Evans, agronomist**

Good planting conditions and good stands established. Small hail in July stripped some leaves.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	2.1	6.5	2.7	6.0	0.7	2.3	20.3

Planted 6/1/2015 at 9 seeds/ft; harvested 10/10/2015; 20 ft. by 2-row plot; pesticides: Roundup Weathermax 6/30, 7/20.

**Table 15. Colby, Thomas County Irrigated Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	<b>79.2</b>	--	--	--	--	107	--	--	9/25	1.3	29
ASGROW	AG4232	69.6	--	--	--	--	94	--	--	10/7	3.0	31
CREDENZ	CZ 3060 RY	65.4	--	--	--	--	88	--	--	9/21	1.5	25
CREDENZ	CZ 3383 RY	73.3	--	--	--	--	99	--	--	9/26	1.3	26
CREDENZ	CZ 3560 RY	<b>81.7</b>	--	--	--	--	110	--	--	9/28	1.8	30
CREDENZ	CZ 3991 RY	71.5	--	--	--	--	96	--	--	10/5	1.3	27
KANSAS AES	K4313NRRT	73.0	--	--	--	--	98	--	--	9/29	3.0	30
LG SEEDS	C3070R2	75.9	57.9	--	66.9	--	102	--	--	9/21	1.3	27
LG SEEDS	C3220R2	71.9	64.2	79.0	68.0	71.7	97	--	94	9/23	1.0	28
LG SEEDS	C3321R2	61.1	--	--	--	--	82	--	--	9/26	1.0	27
LG SEEDS	C3555R2	71.1	66.1	--	68.6	--	96	--	--	9/25	1.0	27
LG SEEDS	C3647R2	<b>81.0</b>	--	--	--	--	109	--	--	9/29	2.0	30
MIDLAND	3686NR2	78.1	--	--	--	--	105	--	--	10/1	2.0	30
MIDLAND	3926NRS2	<b>85.2</b>	--	--	--	--	115	--	--	10/2	2.3	30
MIDLAND	3976NR2	77.4	--	--	--	--	104	--	--	10/1	2.0	31
MIDLAND	3983NR2	74.5	<b>72.2</b>	<b>91.9</b>	73.4	79.5	100	--	109	10/4	2.0	29
PHILLIPS	363 NR2YE	<b>81.3</b>	<b>68.6</b>	--	75.0	--	109	--	--	10/1	2.8	31
PHILLIPS	375 NR2YS	73.7	<b>67.2</b>	--	70.4	--	99	--	--	10/4	2.0	32
PHILLIPS	383 NR2YE	75.8	64.6	--	70.2	--	102	--	--	10/1	1.5	32
PIONEER	P35T58R	72.5	--	--	--	--	97	--	--	9/27	1.0	27
PIONEER	P39T67R	<b>81.0</b>	--	--	--	--	109	--	--	10/7	1.5	27
	AVERAGES	74.4	66.2	84.1								
	CV (%)	7.9	6.7	5.9								
	LSD (0.10)	6.9	5.3	5.9								

Values in bold are in the upper LSD group.



**Southwest Research-Extension Center, Garden City, Finney County: Monty Spangler, research technician**

Rabbits got to first planting as beans were just coming up. Replanted 6/16/15. Harvest went well. Dry, temperatures in the 70s with light wind.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	0.4	6.3	1.4	4.9	2.9	2.6	18.5
Irrigation:			3.7	3.7	3.9		11.22

Planted 6/16/2015 at 10 seeds/ft; harvested 10/19/2015; 23 ft. by 2-row plot; pesticides: Sterling Blue, Spartan Charge, Crop Oil, Pre-plant, applied 3/24/2015.

**Table 16. Garden City, Finney County Irrigated Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432	<b>62.7</b>	--	--	--	--	105	--	--	9/26	1.0	29
ASGROW	AG4232	<b>61.5</b>	--	--	--	--	103	--	--	10/1	1.0	33
CREDENZ	CZ 3233 LL	59.1	--	--	--	--	99	--	--	9/22	1.0	28
CREDENZ	CZ 3383 RY	<b>65.8</b>	--	--	--	--	110	--	--	9/26	1.0	26
CREDENZ	CZ 3560 RY	<b>62.3</b>	--	--	--	--	104	--	--	9/25	1.0	28
CREDENZ	CZ 3991 RY	<b>63.2</b>	--	--	--	--	106	--	--	9/27	1.0	28
CREDENZ	CZ 4181 RY	54.4	--	--	--	--	91	--	--	10/1	1.3	32
CREDENZ	CZ 4590 RY	<b>62.9</b>	--	--	--	--	105	--	--	10/1	1.0	32
LG SEEDS	C3647R2	55.9	--	--	--	--	94	--	--	9/26	1.0	26
LG SEEDS	C3915R2	48.3	--	--	--	--	81	--	--	9/29	1.0	26
LG SEEDS	C3989R2	57.9	--	<b>33.8</b>	45.9	--	97	--	117	10/1	1.3	27
LG SEEDS	C4010R2	57.6	--	--	--	--	96	--	--	10/2	1.0	28
LG SEEDS	C4221R2	<b>62.8</b>	--	--	--	--	105	--	--	10/4	1.0	27
MIDLAND	3746NR2	53.2	--	--	--	--	89	--	--	9/27	1.0	24
MIDLAND	3884NR2	<b>66.7</b>	--	--	--	--	112	--	--	9/28	1.3	30
MIDLAND	4123NR2	58.2	--	20.7	39.5	--	98	--	--	9/29	1.0	31
MIDLAND	4263NRS2	60.8	--	16.4	38.6	--	102	--	57	10/4	1.0	26
PHILLIPS	375 NR2YS	53.4	--	--	--	--	89	--	--	9/29	1.0	27
PHILLIPS	411 NR2Y	60.4	--	--	--	--	101	--	--	10/3	1.3	29
PHILLIPS	454 R2YSE	60.7	--	--	--	--	102	--	--	10/3	1.0	28
PHILLIPS	469 NR2YS	<b>61.9</b>	--	--	--	--	104	--	--	10/8	1.3	31
PHILLIPS	499 NR2YS	<b>62.1</b>	--	--	--	--	104	--	--	10/7	1.3	32
PIONEER	P35T58R	<b>62.2</b>	--	--	--	--	104	--	--	9/26	1.0	30
PIONEER	P39T67R	59.4	--	--	--	--	99	--	--	10/3	1.0	24
	AVERAGES	59.7	--	28.9								
	CV (%)	6.3	--	27.8								
	LSD (0.10)	5.3	--	9.5								

Values in bold are in the upper LSD group.

**East Central Kansas Experiment Field, Ottawa, Franklin County; Eric Adee, agronomist**

A very wet spring delayed planting slightly with more than 18" of rain in April, May, June and July. July through harvest received a little more than 8" of rain. Growing conditions were good with most varieties reaching late season canopy. Weed control was excellent and yields were very favorable considering wet conditions early in the season.

April May June July Aug. Sept. Total  
 Rainfall: 3.5 10.7 4.4 3.3 2.3 3.5 27.7

Planted 6/18/2015 at 8 seeds/ft; harvested 10/22/2015; 11 ft. by 4-row plot; pesticides: Pre-emerge applied June 18- 7 oz Authority XL + 1.5 pt. Dual II Magnum + 32 oz Abundt Xtra. Post-emerge applied July 22- 1.5 pt Storm + 12 oz Assure" + 6 oz NIS + AMS.

**Table 17. Ottawa, Franklin County Dryland Conventional Soybean Performance Test, Maturity Groups III-IV, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432 RR check	<b>55.1</b>	--	--	--	--	104	--	--	10/3	1.0	28
ASGROW	AG4232 RR check	<b>58.2</b>	--	--	--	--	109	--	--	10/13	1.0	34
CREDENZ	CZ 3233 LL	47.6	--	--	--	--	89	--	--	10/2	1.0	28
CREDENZ	CZ 3443 LL	52.3	--	--	--	--	98	--	--	10/1	1.0	28
CREDENZ	CZ 3737 LL	<b>56.8</b>	--	--	--	--	107	--	--	10/5	1.0	27
CREDENZ	CZ 3841 LL	<b>58.7</b>	41.6	--	50.1	--	110	102	--	10/6	1.0	32
CREDENZ	CZ 3945 LL	52.2	--	--	--	--	98	--	--	10/8	1.0	29
CREDENZ	CZ 4044 LL	<b>59.4</b>	--	--	--	--	112	--	--	10/9	1.0	30
CREDENZ	CZ 4105 LL	51.0	--	--	--	--	96	--	--	10/8	1.0	28
CREDENZ	CZ 4540 LL	51.3	--	--	--	--	96	--	--	10/13	1.0	37
CREDENZ	CZ 4748 LL	<b>57.6</b>	--	--	--	--	108	--	--	10/14	1.0	32
EMERGE GENETICS	e3692s	51.7	--	--	--	--	97	--	--	10/7	1.0	27
EMERGE GENETICS	e4310s	53.4	--	--	--	--	100	--	--	10/8	1.0	33
IOWA AES	IA3023	50.5	42.9	52.8	46.7	48.7	95	106	--	10/4	1.0	25
IOWA AES	IA4004	53.3	--	--	--	--	100	--	--	10/5	1.0	28
KANSAS AES	K07-1633	<b>55.1</b>	38.3	53.5	46.7	48.9	104	94	--	10/8	1.0	30
KANSAS AES	K10-8556	51.1	43.3	52.5	47.2	48.9	96	--	--	10/11	1.0	22
KANSAS AES	K11-2363B	<b>56.4</b>	--	--	--	--	106	--	--	10/9	1.0	24
KANSAS AES	K12-1575	53.7	--	--	--	--	101	--	--	10/9	1.0	28
KANSAS AES	K12-2333	<b>55.0</b>	--	--	--	--	103	--	--	10/9	1.0	30
KANSAS AES	K4313NRR RR check	49.7	--	--	--	--	93	--	--	10/9	1.0	27
MORSOY	LL 3944	52.7	42.9	--	47.8	--	99	106	--	10/7	1.0	31
MORSOY	LL 4524	<b>57.3</b>	31.7	--	44.5	--	108	78	--	10/11	1.0	29
PIONEER	P35T58R RR check	51.6	--	--	--	--	97	--	--	10/4	1.0	28
PIONEER	P39T67R RR check	49.9	--	--	--	--	94	--	--	10/9	1.0	26
	AVERAGES	53.2	40.6	50.6								
	CV (%)	8.6	9.1	10.8								
	LSD (0.10)	5.4	4.4	6.4								

Values in bold are in the upper LSD group.

**East Central Kansas Experiment Field, Ottawa, Franklin County: Eric Adee, agronomist**

A very wet spring delayed planting slightly with more than 18" of rain in April, May, June and July. July through harvest received a little more than 8" of rain. Growing conditions were good with most varieties reaching late season canopy. Weed control was excellent and yields were very favorable considering wet conditions early in the season.

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	3.5	10.7	4.4	3.3	2.3	3.5	27.7

Planted 6/18/2015 at 8 seeds/ft; harvested 10/22/2015; 11 ft. by 4-row plot; pesticides: Pre-emerge applied June 18- 7 oz Authority XL + 1.5 pt. Dual II Magnum + 32 oz Abundt Xtra. Post-emerge applied July 22- 1.5 pt Storm + 12 oz Assure" + 6 oz NIS + AMS.

**Table 18. Ottawa, Franklin County Dryland Conventional Soybean Performance Test, Maturity Groups IV-V, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ARKANSAS	OSAGE	58.2	41.5	--	49.9	--	107	112	--	10/15	1.0	33
ARKANSAS	R09-1589	49.8	--	--	--	--	91	--	--	10/15	1.8	37
ARKANSAS	R09-430	58.9	40.5	--	49.7	--	108	109	--	10/14	1.0	34
ARKANSAS	UA 5014C	56.3	--	--	--	--	103	--	--	10/13	1.0	32
ARKANSAS	UA 5213C	49.6	33.3	--	41.5	--	91	90	--	10/15	2.0	38
ARKANSAS	UA 5612C	44.4	44.1	--	44.3	--	82	119	--	10/17	2.8	42
ARKANSAS	UA 5814HP	35.5	--	--	--	--	65	--	--	10/19	2.0	41
ASGROW	AG5335 RR check	58.3	--	--	--	--	107	--	--	10/15	1.0	33
CREDENZ	CZ 4818 LL	53.9	--	--	--	--	99	--	--	10/11	1.0	36
CREDENZ	HBK LL4950	<b>62.4</b>	39.4	48.3	50.9	50.0	114	106	--	10/15	1.0	36
CREDENZ	HBK LL4953	56.1	37.3	--	46.7	--	103	101	--	10/14	1.0	31
EMERGE GENETICS	e4993s	<b>65.0</b>	--	--	--	--	119	--	--	10/14	1.0	33
PIONEER	49T80R RR check	<b>63.3</b>	--	--	--	--	116	--	--	10/13	1.0	35
	AVERAGES	54.5	37.1	50.6								
	CV (%)	8.5	7.7	10.8								
	LSD (0.10)	5.5	3.5	6.4								

Values in bold are in the upper LSD group.

**Southeast Agricultural Research Center, Parsons, Labette County: Lonnie Mengarelli, research technician**

	April	May	June	July	Aug.	Sept.	Total
Rainfall:	4.5	10.1	3.8	5.5	4.5	4.3	32.7

Planted 6/25/2015 at 7 seeds/ft; harvested 11/10/2015; 14 ft. by 4-row plot.

**Table 19. Parsons, Labette County Dryland Conventional Soybean Performance Test, Maturity Group III-IV, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ASGROW	AG3432 RR check	59.1	--	--	--	--	107	--	--	9/30	1.0	31
ASGROW	AG4232 RR check	60.1	--	--	--	--	109	--	--	10/8	1.0	36
CREDENZ	CZ 4105 LL	54.4	--	--	--	--	98	--	--	10/5	1.0	31
CREDENZ	CZ 4540 LL	55.5	--	--	--	--	100	--	--	10/9	1.0	38
CREDENZ	CZ 4748 LL	<b>66.2</b>	--	--	--	--	120	--	--	10/9	1.0	35
EMERGE GENETICS	e3692s	56.6	--	--	--	--	102	--	--	10/4	1.0	30
EMERGE GENETICS	e4310s	54.8	--	--	--	--	99	--	--	10/5	1.0	35
IOWA AES	IA3023	47.2	26.3	--	36.8	--	85	75	--	9/27	1.0	25
IOWA AES	IA4004	46.5	--	--	--	--	84	--	--	10/3	1.0	29
KANSAS AES	K10-8556	50.8	30.7	--	40.8	--	92	--	--	10/1	1.0	22
KANSAS AES	K11-2363B	59.6	--	--	--	--	108	--	--	10/5	1.0	25
KANSAS AES	K11-2363T	57.9	--	--	--	--	105	--	--	10/4	1.0	25
KANSAS AES	K12-1575	51.8	--	--	--	--	94	--	--	10/6	1.0	26
KANSAS AES	K12-2333	61.6	--	--	--	--	111	--	--	10/6	1.0	31
MORSOY	45x73 RR	57.8	--	--	--	--	104	--	--	10/7	1.0	37
MORSOY	47x12 RR	<b>64.3</b>	--	--	--	--	116	--	--	10/13	1.0	40
MORSOY	MS XP 1516 RR	60.5	--	--	--	--	109	--	--	10/10	1.0	35
PIONEER	P35T58R RR check	55.7	--	--	--	--	101	--	--	10/5	1.0	29
PIONEER	P39T67R RR check	57.9	--	--	--	--	105	--	--	10/7	1.0	28
	AVERAGES	55.3	35.1	38.4								
	CV (%)	3.7	7.6	7.5								
	LSD (0.10)	2.9	3.2	3.6								

**Southeast Agricultural Research Center, Parsons, Labette County; Lonnie Mengarelli, research technician**

April May June July Aug. Sept. Total

Rainfall: 4.5 10.1 3.8 5.5 4.5 4.3 32.7

Planted 6/25/2015 at 7 seeds/ft; harvested 11/10/2015; 14 ft. by 4-row plot.

**Table 20. Parsons, Labette County Dryland Conventional Soybean Performance Test, Maturity Groups IV-V, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHELLS					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	2014	2013	Mat	Lodge score	Ht (in)
ARKANSAS	OSAGE	<b>58.2</b>	<b>43.9</b>	<b>45.6</b>	51.1	49.2	106	101	110	10/17	1.0	31
ARKANSAS	R09-1589	50.5	--	--	--	--	92	--	--	10/12	1.0	35
ARKANSAS	R09-430	<b>59.5</b>	<b>46.4</b>	--	52.9	--	108	107	--	10/12	1.0	31
ARKANSAS	UA 5014C	54.9	--	--	--	--	100	--	--	10/11	1.0	31
ARKANSAS	UA 5213C	<b>61.2</b>	39.6	<b>45.1</b>	50.4	48.6	111	91	109	10/14	1.0	32
ARKANSAS	UA 5612C	50.9	<b>47.3</b>	<b>45.5</b>	49.1	47.9	93	109	110	10/17	1.0	35
ARKANSAS	UA 5814HP	49.8	--	--	--	--	91	--	--	10/17	1.0	35
ASGROW	AG5335 RR check	56.0	--	--	--	--	102	--	--	10/13	1.0	36
CREDENZ	CZ 4818 LL	55.0	--	--	--	--	100	--	--	10/9	1.0	35
CREDENZ	CZ 5147 LL	<b>60.9</b>	--	--	--	--	111	--	--	10/15	1.0	30
CREDENZ	CZ 5242 LL	50.2	--	--	--	--	91	--	--	10/17	1.0	36
CREDENZ	HBK LL4950	57.8	<b>47.2</b>	<b>43.6</b>	52.5	49.5	105	109	105	10/17	1.0	36
CREDENZ	HBK LL4953	55.1	<b>44.8</b>	--	49.9	--	100	103	--	10/17	1.0	33
EMERGE GENETICS	e4993s	<b>59.7</b>	--	--	--	--	109	--	--	10/13	1.0	34
KANSAS AES	K12-1348	56.3	--	--	--	--	102	--	--	10/17	1.0	31
KANSAS AES	K12-1355	48.0	--	--	--	--	87	--	--	10/16	1.0	31
KANSAS AES	KS5004N	52.7	--	--	--	--	96	--	--	10/11	1.0	32
KANSAS AES	KS5502N	52.7	--	--	--	--	96	--	--	10/17	1.0	31
MORSOY	48x22 RR	58.0	--	--	--	--	106	--	--	10/11	1.0	33
MORSOY	50x64 RR	54.7	--	--	--	--	99	--	--	10/10	1.0	34
MORSOY	52x25 RR	<b>61.9</b>	--	--	--	--	113	--	--	10/14	1.0	35
MORSOY	MS XP 1517 RR	52.4	--	--	--	--	95	--	--	10/8	1.0	32
PIONEER	49T80R RR check	55.6	--	--	--	--	101	--	--	10/11	1.0	34
	AVERAGES	55.0	43.4	41.5								
	CV (%)	6.0	8.1	3.4								
	LSD (0.10)	3.9	4.3	7.0								

Values in bold are in the upper LSD group.

**North Central Kansas Experiment Field, Scandia, Republic County: Andrew Esser, agronomist**

April May June July Aug. Sept. Total  
 Rainfall: 1.9 5.2 4.9 3.6 5.1 1.7 22.4

Irrigation:

Planted 6/8/2015 at 9 seeds/ft; harvested 10/19/2015; 26 ft. by 4-row plot; pesticides: Applied 6/30/15- 12.5 oz Cobra + 10 oz. Intensity One.

**Table 21. Scandia, Republic County Irrigated Conventional Soybean Performance Test, 2013-2015**

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2015		
		2015	2014	2013	2-Yr. AVG.	3-Yr. AVG.	2015	Mat	Lodge score	Ht (in)		
ASGROW	AG3432 RR check	<b>64.1</b>	--	--	--	--	104	--	--	--	--	--
ASGROW	AG4232 RR check	55.7	--	--	--	--	90	--	--	--	--	--
CREDENZ	CZ 2810 LL	<b>64.5</b>	--	--	--	--	105	--	--	--	--	--
CREDENZ	CZ 2915 LL	<b>66.7</b>	--	--	--	--	108	--	--	--	--	--
CREDENZ	CZ 3233 LL	<b>64.6</b>	--	--	--	--	105	--	--	--	--	--
CREDENZ	CZ 3443 LL	59.4	--	--	--	--	96	--	--	--	--	--
CREDENZ	CZ 3737 LL	61.6	--	--	--	--	100	--	--	--	--	--
CREDENZ	CZ 3841 LL	<b>70.2</b>	--	--	--	--	114	--	--	--	--	--
CREDENZ	CZ 3945 LL	61.3	--	--	--	--	100	--	--	--	--	--
EMERGE GENETICS	e3692s	58.9	--	--	--	--	96	--	--	--	--	--
EMERGE GENETICS	e4310s	50.3	--	--	--	--	82	--	--	--	--	--
IOWA AES	IA3023	<b>64.0</b>	--	<b>64.2</b>	64.1	--	104	110	110	--	--	--
IOWA AES	IA4004	63.5	--	50.3	56.9	--	103	--	--	--	--	--
KANSAS AES	K10-8556	63.6	--	<b>62.8</b>	63.2	--	103	--	--	--	--	--
KANSAS AES	K11-2363B	<b>65.7</b>	--	--	--	--	107	--	--	--	--	--
KANSAS AES	K11-2363T	<b>66.0</b>	--	--	--	--	107	--	--	--	--	--
KANSAS AES	K12-1575	<b>65.9</b>	--	--	--	--	107	--	--	--	--	--
KANSAS AES	K12-2333	55.8	--	--	--	--	91	--	--	--	--	--
KANSAS AES	K4313NRRB	59.9	--	--	--	--	97	--	--	--	--	--
KANSAS AES	KS4313N	61.2	--	--	--	--	99	--	--	--	--	--
MORSOY	LL 3944	62.5	--	--	--	--	102	--	--	--	--	--
MORSOY	LL 4524	56.0	--	--	--	--	91	--	--	--	--	--
PIONEER	P35T58R RR check	<b>67.1</b>	--	--	--	--	109	--	--	--	--	--
PIONEER	P39T67R RR check	57.6	--	--	--	--	94	--	--	--	--	--
	AVERAGES	61.6	--	58.5								
	CV (%)	7.4	--	9.9								
	LSD (0.10)	6.2	--	8.3								

Values in bold are in the upper LSD group.

**Table 22. Yield as a Percentage of Test Average from 2015 Roundup-Resistant Soybean Tests**

BRAND/NAME	Topeka		Ottawa	Parsons		McCune		Erie		Pitts. DC	Belle-		Assaria	Hutch- inson	Garden City	Colby	AVG.
	Emmett	dryland		irrigated	MG4	MG 5	MG 4	MG 5	MG 4		MG 5	Scandia					
<b>ASGROW</b>																	
AG3432	105	92	98	103	94	--	86	--	--	81	108	106	114	79	105	107	99
AG4232	96	112	102	102	106	--	115	--	--	97	92	98	97	101	103	94	101
AG5335	--	--	--	--	--	110	--	97	--	107	--	--	--	--	--	--	104
<b>CREDENZ</b>																	
CZ 3060 RY	96	--	--	--	--	--	--	--	--	--	--	--	--	--	--	88	92
CZ 3383 RY	106	--	--	--	--	--	--	--	--	--	--	--	--	--	110	99	105
CZ 3560 RY	105	--	--	--	--	--	--	--	--	--	--	--	--	--	104	110	106
CZ 3991 RY	102	--	--	--	--	--	--	--	--	--	--	--	--	--	106	96	101
CZ 4181 RY	--	--	--	--	97	--	--	--	--	--	--	--	--	--	91	--	94
CZ 4590 RY	--	--	--	--	92	--	--	--	--	--	--	--	--	--	105	--	99
CZ 4959 RY	--	--	--	--	--	92	--	--	--	--	--	--	--	--	--	--	92
<b>FRONTIER SEED</b>																	
3SR92	--	--	--	89	--	--	--	--	--	--	--	--	--	--	--	--	89
4SR62	--	--	--	96	--	--	--	--	--	--	--	--	--	--	--	--	96
<b>KANSAS AES</b>																	
K4313NRRB	--	--	--	--	--	--	--	--	--	--	97	94	--	93	--	--	95
K4313NRRT	--	108	--	--	--	--	--	--	--	--	105	--	--	--	--	98	103
<b>LG SEEDS</b>																	
C3070R2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	102	102
C3220R2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	97	97
C3321R2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	82	82
C3555R2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	96	96
C3647R2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	94	109	101
C3915R2	109	--	--	--	--	--	--	--	--	--	--	110	--	94	81	--	98
C3989R2	114	--	--	--	--	--	--	--	--	--	--	107	--	113	97	--	108
C4010R2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	96	--	96
C4221R2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	105	--	105
C4696R2	--	--	--	--	--	--	--	--	--	--	--	--	--	99	--	--	99
C4780R2	--	--	--	--	--	--	--	--	--	--	--	--	--	106	--	--	106
C4867R2	--	--	--	--	--	--	--	--	--	--	--	--	--	106	--	--	106
<b>MIDLAND</b>																	
3465NR2	--	--	--	--	--	--	--	--	--	--	93	99	--	--	--	--	96
3633NR2	101	--	--	103	--	--	--	--	--	--	--	95	--	--	--	--	100
3686NR2	99	94	99	--	--	--	--	--	--	--	97	90	--	--	--	105	97
3746NR2	--	--	--	--	--	--	--	--	--	--	--	--	108	116	89	--	104
3884NR2	--	--	--	--	--	--	--	--	--	--	--	--	102	98	112	--	104
3926NRS2	106	101	114	99	--	--	--	--	--	--	104	98	119	104	--	115	107
3976NR2	114	93	112	99	--	--	--	--	--	--	107	112	108	105	--	104	106
3983NR2	102	108	--	100	--	--	--	--	--	--	103	104	--	--	--	100	103
4044NR2	105	94	86	--	--	--	--	--	--	--	99	107	--	--	--	--	98
4123NR2	--	--	--	--	--	--	--	--	--	--	--	--	95	98	98	--	97
4256NR2	94	98	102	99	--	--	--	--	--	--	98	102	--	--	--	--	99
4263NRS2	--	--	--	--	--	--	--	--	--	--	--	--	95	108	102	--	102
4373NR2	99	95	102	97	--	--	--	--	--	--	--	110	--	--	--	--	101
4566NR2	91	106	86	112	--	--	--	--	--	--	--	--	--	--	--	--	99
4580RS2	--	--	--	--	--	--	--	--	--	--	--	--	--	109	--	--	109
4614NRS2	--	--	--	98	103	--	110	--	--	103	--	--	--	104	--	--	104
4745NRS2	--	--	--	103	106	--	109	--	--	100	--	--	--	--	--	--	104
4806NRS2	--	--	--	--	--	--	--	--	--	--	--	--	88	97	--	--	92
4963NRS2	--	--	--	99	--	104	--	104	--	108	--	--	--	--	--	--	104
5286NRS2	--	--	--	--	--	106	--	99	--	109	--	--	--	108	--	--	105

Table 22 continued. Yield as a Percentage of Test Average from 2015 Roundup-Resistant Soybean Tests

BRAND/NAME	Emmett	Topeka dryland	Topeka irrigated	Ottawa	Parsons		McCune		Erie		Pitts. DC	Scandia	Belle- ville	Assaria	Hutch- inson	Garden City	Colby	AVG.
					MG4	MG 5	MG 4	MG 5	MG 4	MG 5								
<b>MORSOY</b>																		
37X15	103	103	99	100	--	--	--	--	--	--	--	--	--	--	--	--	--	101
38x52	110	103	104	99	--	--	--	--	--	--	--	--	--	--	--	--	--	104
38x85	115	91	104	99	--	--	--	--	--	--	--	--	--	--	--	--	--	102
39x14	110	101	115	104	--	--	--	--	--	--	--	--	--	--	--	--	--	108
41x04	96	100	89	102	--	--	--	--	--	--	--	--	--	--	--	--	--	97
41x45	--	98	112	103	99	--	101	--	--	--	--	--	--	--	--	--	--	103
42x55	--	102	93	109	--	--	--	--	--	--	--	--	--	--	--	--	--	101
43x53	--	98	96	99	106	--	95	--	--	--	--	--	--	--	--	--	--	99
45x73	--	107	106	113	104	--	105	--	--	--	104	--	--	--	--	--	--	106
47x12	--	--	--	107	97	--	107	--	--	--	105	--	--	--	--	--	--	106
48x22	--	--	--	95	--	100	--	104	--	--	103	--	--	--	--	--	--	102
50x64	--	--	--	--	--	103	--	101	--	--	107	--	--	--	--	--	--	103
52x25	--	--	--	--	--	105	--	101	--	--	103	--	--	--	--	--	--	106
MS XP 1510	106	103	106	102	--	--	--	--	--	--	--	--	--	--	--	--	--	104
MS XP 1516	--	--	--	98	98	--	108	--	--	--	106	--	--	--	--	--	--	104
MS XP 1517	--	--	--	101	--	91	--	97	--	--	104	--	--	--	--	--	--	98
<b>NK</b>																		
S30-C1	--	--	--	--	--	--	--	--	--	--	--	113	98	--	--	--	--	105
S31-F1	--	--	--	--	--	--	--	--	--	--	--	79	95	--	--	--	--	87
S34-P7	--	--	--	--	--	--	--	--	--	--	--	107	95	--	--	--	--	101
S35-A5	--	--	--	--	--	--	--	--	--	--	--	102	96	--	--	--	--	99
S38-W4	--	--	--	--	--	--	--	--	--	--	--	113	109	--	--	--	--	111
S39-T3	--	--	--	--	--	--	--	--	--	--	--	112	98	--	--	--	--	105
S39-U2	--	94	101	102	--	--	--	--	--	--	--	--	--	--	--	--	--	99
<b>PHILLIPS</b>																		
363 NR2YE	99	98	91	--	--	--	--	--	--	--	--	94	113	107	--	--	109	101
375 NR2YS	102	95	94	--	--	--	--	--	--	--	--	103	105	90	--	89	99	97
383 NR2YE	110	96	100	--	--	--	--	--	--	--	--	102	101	100	115	--	102	103
384 NR2YS	102	95	94	99	--	--	--	--	--	--	--	93	100	97	102	--	--	98
392 NR2YS	90	93	71	97	--	--	--	--	--	--	--	87	108	78	113	--	--	92
411 NR2Y	94	108	115	102	--	--	--	--	--	--	--	105	99	111	104	101	--	104
433 NR2YS	100	104	84	105	--	--	--	--	--	--	--	96	102	94	91	--	--	97
454 R2YSE	--	--	--	109	--	--	--	--	--	--	--	--	--	96	107	102	--	104
469 NR2YS	--	--	--	105	--	--	--	--	--	--	--	--	--	104	95	104	--	102
499 NR2YS	--	--	--	--	--	--	--	--	--	--	--	--	--	81	87	104	--	91
<b>PIONEER</b>																		
48T53R	--	--	--	--	--	107	--	96	--	--	94	--	--	--	--	--	--	99
49T09BR	--	--	--	--	--	106	--	106	--	--	92	--	--	--	--	--	--	101
49T80R	--	--	--	--	--	104	--	105	--	--	95	--	--	--	--	--	--	104
50T15BR	--	--	--	--	--	108	--	99	--	--	102	--	--	--	--	--	--	103
50T40	--	--	--	--	--	110	--	99	--	--	92	--	--	--	--	--	--	101
53T73STS	--	--	--	--	--	87	--	98	--	--	96	--	--	--	--	--	--	93
P35T58R	84	97	112	94	95	--	81	--	--	--	83	103	82	108	93	104	97	96
P39T67R	97	114	111	98	100	--	84	--	--	--	85	100	91	110	81	99	109	98



Table 22 continued. Yield as a Percentage of Test Average from 2015 Roundup-Resistant Soybean Tests

BRAND/NAME	Topeka		Ottawa	Parsons		McCune		Erie		Pitts. DC	Belle-ville	Assaria	Hutch-inson	Garden City	Colby	AVG.
	Emmett	dryland		irrigated	MG4	MG 5	MG 4	MG 5	MG 4							
<b>WILLCROSS</b>																
RY2494NS	--	--	--	--	97	--	104	--	--	110	--	--	--	--	--	104
WX 2524N	--	--	--	--	87	--	91	--	--	99	--	--	--	--	--	92
WXE2435N	--	106	100	96	--	--	--	--	--	--	--	--	--	--	--	101
WXE2465N	--	107	93	115	--	--	--	--	--	--	--	--	--	--	--	105
WXE2485N	--	--	--	--	102	--	113	--	--	110	--	--	--	--	--	108
WXE2495N	--	--	--	--	105	--	99	--	--	105	--	--	--	--	--	103
WXE2535NS	--	--	--	--	98	--	97	--	--	109	--	--	--	--	--	101
WXR2395N	--	92	107	99	--	--	--	--	--	--	--	--	--	--	--	99

**Table 23. Yield as a Percentage of Test Average from 2015 Conventional/Liberty Link Soybean Tests**

<b>BRAND/NAME</b>	<b>Ottawa MG4</b>	<b>Ottawa MG5</b>	<b>Scandia</b>	<b>Parsons MG 4</b>	<b>Parsons MG 5</b>	<b>AVG</b>
<b>ARKANSAS</b>						
OSAGE	--	107	--	--	106	106
R09-1589	--	91	--	--	92	92
R09-430	--	108	--	--	108	108
UA 5014C	--	103	--	--	100	102
UA 5213C	--	91	--	--	111	101
UA 5612C	--	82	--	--	93	87
UA 5814HP	--	65	--	--	91	78
<b>CREDENZ</b>						
CZ 2810 LL	--	--	105	--	--	105
CZ 2915 LL	--	--	108	--	--	108
CZ 3233 LL	89	--	105	--	--	98
CZ 3443 LL	98	--	96	--	--	97
CZ 3737 LL	107	--	100	--	--	103
CZ 3841 LL	110	--	114	--	--	112
CZ 3945 LL	98	--	100	--	--	99
CZ 4044 LL	112	--	--	--	--	112
CZ 4105 LL	96	--	--	98	--	97
CZ 4540 LL	96	--	--	100	--	98
CZ 4748 LL	108	--	--	120	--	114
CZ 4818 LL	--	99	--	--	100	100
CZ 5147 LL	--	--	--	--	111	111
CZ 5242 LL	--	--	--	--	91	91
HBK LL4950	--	114	--	--	105	110
HBK LL4953	--	103	--	--	100	102
<b>EMERGE GENETICS</b>						
e3692s	97	--	96	102	--	98
e4310s	100	--	82	99	--	94
e4993s	--	119	--	--	109	114
<b>IOWA AES</b>						
IA3023	95	--	104	85	--	95
IA4004	100	--	103	84	--	96
<b>KANSAS AES</b>						
K07-1633	104	--	--	--	--	104
K10-8556	96	--	103	92	--	97
K11-2363B	106	--	107	108	--	107
K11-2363T	--	--	107	105	--	106
K12-1348	--	--	--	--	102	102
K12-1355	--	--	--	--	87	87
K12-1575	101	--	107	94	--	101
K12-2333	103	--	91	111	--	102
KS4313N	--	--	99	--	--	99
KS5004N	--	--	--	--	96	96
KS5502N	--	--	--	--	96	96
<b>MORSOY</b>						
LL 3944	99	--	102	--	--	100
LL 4524	108	--	91	--	--	99

**Table 24. Description of Roundup Resistant Entries in 2015 Soybean Performance Tests**

BRAND	NAME	Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RR	Tolerance	
ASGROW	AG3432	3.4	--	--	--	--	--	--	--	--	--	--
ASGROW	AG4232	4.2	--	--	--	--	--	--	--	--	--	--
ASGROW	AG5335	5.3	--	--	--	--	--	--	--	--	--	--
CREDENZ	CZ 3060 RY	3.0	P	lb	--	R	--	--	--	Rps1c	3.0	--
CREDENZ	CZ 3383 RY	3.3	P	lb	--	--	--	--	--	Rps1c	--	--
CREDENZ	CZ 3560 RY	3.5	P	IB	--	--	--	--	--	lc	--	--
CREDENZ	CZ 3991 RY	3.9	W	Bl	--	R	--	--	--	--	4.0	--
CREDENZ	CZ 4181 RY	4.1	P	B	--	--	--	--	--	--	4.0	--
CREDENZ	CZ 4590 RY	4.5	P	Bl	--	--	--	--	PI88788	Rps1a	--	--
CREDENZ	CZ 4959 RY	4.9	P	Br	--	R	--	--	PI88788	Rps1a	4.0	--
FRONTIER SEED	3SR92	3.0	W	Bf	--	R	--	R	--	Rps1c	3.0	--
FRONTIER SEED	4SR62	4.0	P	Bl	--	R	--	--	--	Rps1a	3.0	--
KANSAS AES	K04-3083RR	4.9	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K4313NRRB	4.3	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K4313NRRT	4.3	--	--	--	--	--	--	--	--	--	--
KANSAS AES	KS3406RR	3.4	--	--	--	--	--	--	--	--	--	--
LG SEEDS	C3070R2	3.0	P	IB	--	R	--	R	PI88788	1k	2.0	--
LG SEEDS	C3220R2	3.2	P	B	--	R	--	MR	--	--	8.0	--
LG SEEDS	C3321R2	3.3	P	lb	--	--	--	--	--	--	--	--
LG SEEDS	C3555R2	3.5	P	IB	--	R	--	R	PI88788	1c	2.0	--
LG SEEDS	C3647R2	3.6	P	Bl	--	R	--	R	--	--	--	--
LG SEEDS	C3915R2	3.9	W	Bl	--	R	--	R	--	Rps1c	--	--
LG SEEDS	C3989R2	3.9	P	IB	--	R	--	MR	--	Rps1k	--	--
LG SEEDS	C4010R2	4.0	W	BF	--	R	--	R	PI88788	1c	3.0	--
LG SEEDS	C4221R2	4.2	P	Bl	--	R	--	R	--	--	--	--
LG SEEDS	C4696R2	4.6	W	BF	--	R	--	R	PI88788	1c	2.0	--
LG SEEDS	C4780R2	4.7	P	IB	--	R	--	R	PI88788	1c	2.0	--
LG SEEDS	C4867R2	4.8	P	Bl	--	R	--	R	--	--	--	--
MIDLAND	3465NR2	3.0	--	--	--	R	--	--	PI88788	--	2.0	--
MIDLAND	3633NR2	3.0	--	--	--	R	--	MR	PI88788	--	1.7	--
MIDLAND	3686NR2	3.6	--	--	--	R	--	MR	PI88788	--	--	--
MIDLAND	3746NR2	3.7	--	--	--	R	--	MR	PI88788	--	2.0	--
MIDLAND	3884NR2	3.8	--	--	--	R	--	R	PI88788	--	2.0	--
MIDLAND	3926NRS2	3.9	--	--	--	R	--	MR	PI88788	--	2.0	--
MIDLAND	3976NR2	3.9	--	--	--	R	--	MR	PI88788	--	2.0	--
MIDLAND	3983NR2	3.0	--	--	--	R	--	MR	PI88788	--	1.7	--
MIDLAND	4044NR2	4.0	--	--	--	R	--	R	PI88788	--	2.0	--
MIDLAND	4123NR2	4.1	--	--	--	R	--	MR	PI88788	--	2.0	--
MIDLAND	4256NR2	4.2	--	--	--	R	--	MR	PI88788	--	2.0	--
MIDLAND	4263NRS2	4.0	--	--	--	R	--	MR	PI88788	--	2.5	STS
MIDLAND	4373NR2	4.0	--	--	--	R	--	MR	PI87788	--	2.0	--
MIDLAND	4566NR2	4.5	--	--	--	R	--	MR	PI88788	--	2.0	--
MIDLAND	4580RS2	4.0	--	--	--	--	--	--	--	--	2.1	--
MIDLAND	4614NRS2	4.6	--	--	--	R	--	MR	PI88788	--	2.0	STS
MIDLAND	4745NRS2	4.0	--	--	--	R	--	MR	PI88788	--	2.0	--
MIDLAND	4806NRS2	4.8	--	--	--	R	--	MR	PI88788	--	--	--
MIDLAND	4963NRS2	4.0	--	--	--	R	--	MR	PI88788	--	2.2	STS
MIDLAND	5286NRS2	5.2	--	--	--	R	--	MR	PI88788	--	2.0	--
MORSOY	37X15	3.7	P	Bl	--	R	--	MR	PI88788	--	2.0	--
MORSOY	38x52	3.8	P	IB	--	R	--	M	PI88788	Rps1c	2.0	--
MORSOY	38x85	3.8	W	Bl	--	R	--	MR	PI88788	Rps1c	3.0	--
MORSOY	39x14	3.9	W	BF	--	R	--	MR	PI88788	lc	2.0	--
MORSOY	41x04	4.1	P	Bl	--	R	--	MR	PI88788	--	3.0	--
MORSOY	41x45	4.1	P	Bl	--	MR	--	MR	PI88788	Rps1c	4.0	--
MORSOY	42x55	4.2	P	Bl	--	R	--	MR	PI88788	--	2.0	--
MORSOY	43x53	4.2	P	BL	--	R	--	M	PI88788	Rps1a	3.0	--
MORSOY	45x73	4.5	W	BF	--	R	--	MR	PI88788	lc	2.0	--
MORSOY	47x12	4.7	P	IB	--	R	--	MR	PI88788	Rps1c	2.0	STS
MORSOY	48x22	4.8	W	BL	--	R	--	MR	PI88788	--	2.0	--
MORSOY	50x64	5.0	P	IB	--	R	--	MR	PI88788	lc	2.0	--
MORSOY	52x25	5.2	P	Bl	--	R	--	MR	PI88788	Rps1c	3.0	--

**Table 24 continued. Description of Roundup Resistant Entries in 2015 Soybean Performance Tests**

BRAND	NAME	Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RR	Tolerance	
MORSOY	MS XP 1510	3.9	W	Bl	--	R	--	R	PI88788	--	--	--
MORSOY	MS XP 1516	4.7	P	lb	--	R	--	MR	PI88788	Rs1c	2.0	--
MORSOY	MS XP 1517	4.8	--	--	--	--	--	--	--	--	--	--
NK	S30-C1	3.0	P	BL	--	R	--	--	PI88788	--	5.0	--
NK	S31-F1	3.1	P	Br	--	R	--	R	PI88788	--	4.0	--
NK	S34-P7	3.4	W	Bl	--	R	--	R	PI88788	--	3.0	--
NK	S35-A5	3.5	W	BL	--	R	--	R	PI88788	--	5.0	--
NK	S38-W4	3.8	W	BL	--	--	--	R	PI88788	--	4.0	--
NK	S39-T3	3.9	W	Bl	--	R	--	R	PI88788	--	4.0	--
NK	S39-U2	3.9	W	Bl	--	R	--	R	PI88788	--	4.0	--
PHILLIPS	363 NR2YE	3.6	P	lb	--	R	--	MR	PI88788	Rps1c	3.0	--
PHILLIPS	375 NR2YS	3.7	P	BL	--	R	--	MR	PI88788	Rps1c	9.0	--
PHILLIPS	383 NR2YE	3.8	P	lb	--	R	--	MR	PI88788	--	2.0	--
PHILLIPS	384 NR2YS	3.8	P	Bl	--	R	--	MR	PI88788	Rps1c	2.0	--
PHILLIPS	392 NR2YS	3.9	W	Bf	--	MR	--	--	PI88788	Rps1c	2.0	--
PHILLIPS	411 NR2Y	4.1	P	Bl	--	R	--	MR	PI88788	Rps1a	2.0	--
PHILLIPS	433 NR2YS	4.3	P	Bf	--	R	--	MR	PI88788	Rps1c	2.0	--
PHILLIPS	454 R2YSE	4.5	P	Bl	--	--	--	--	--	Rps1c	2.0	--
PHILLIPS	469 NR2YS	4.6	W	Bf	--	MR	--	--	PI88788	Rps1c	1.0	--
PHILLIPS	499 NR2YS	4.9	W	Bl	--	R	--	MR	PI88788	--	3.0	--
PIONEER	48T53R	4.8	--	--	--	--	--	--	--	--	--	--
PIONEER	49T09BR	4.9	--	--	--	--	--	--	--	--	--	--
PIONEER	49T80R	4.9	--	--	--	--	--	--	--	--	--	--
PIONEER	50T15BR	5.0	--	--	--	--	--	--	--	--	--	--
PIONEER	50T40	5.0	--	--	--	--	--	--	--	--	--	--
PIONEER	53T73STS	5.3	--	--	--	--	--	--	--	--	--	--
PIONEER	P35T58R	3.5	--	--	--	--	--	--	--	--	--	--
PIONEER	P39T67R	3.9	--	--	--	--	--	--	--	--	--	--
WILLCROSS	RY2494NS	4.9	W	BL	--	--	--	--	--	--	--	--
WILLCROSS	WX 2524N	5.2	W	BR	--	--	--	--	--	--	--	--
WILLCROSS	WXE2435N	4.3	P	Bl	--	--	--	--	--	--	--	--
WILLCROSS	WXE2465N	4.6	P	lb	--	--	--	--	--	--	--	--
WILLCROSS	WXE2485N	4.8	P	lb	--	--	--	--	--	--	--	--
WILLCROSS	WXE2495N	4.9	P	lb	--	--	--	--	--	--	--	--
WILLCROSS	WXE2535NS	5.3	P	Bl	--	--	--	--	--	--	--	--
WILLCROSS	WXR2395N	3.9	W	Bl	--	--	--	--	--	--	--	--

**Table 25. Description of Conventional/Liberty Link Entries in 2015 Soybean Performance Tests**

BRAND	NAME	Maturity Group	Flower color	Hilum color	SCN Resistance					Phytophthora		STS
					R1	R3	R4	R14	Source	RR	Tolerance	
ARKANSAS	OSAGE	5.6	P	IB	--	--	--	--	--	--	--	--
ARKANSAS	R09-1589	5.0	P	Br	--	--	--	--	--	--	--	--
ARKANSAS	R09-430	5.0	P	--	--	--	--	--	--	--	--	--
ARKANSAS	R10-230	5.0	W	Bf	--	--	--	--	--	--	--	--
ARKANSAS	UA 5014C	5.0	P	Bl	--	--	--	--	--	--	--	--
ARKANSAS	UA 5213C	5.2	P	BF	--	--	--	--	--	--	--	--
ARKANSAS	UA 5612C	5.6	P	IB	--	--	--	--	--	--	--	--
ARKANSAS	UA 5814HP	5.8	P	Br	--	--	--	--	--	--	--	--
CREDENZ	CZ 2810 LL	2.8	P	lb	--	R	--	--	--	Rps1k	3.0	--
CREDENZ	CZ 2915 LL	2.9	P	lb	--	--	--	--	--	Rps1c	4.0	--
CREDENZ	CZ 3233 LL	3.2	P	lb	--	--	--	--	--	Rps1k	3.0	--
CREDENZ	CZ 3443 LL	3.4	W	Br	--	--	--	--	--	Rps1c	4.0	--
CREDENZ	CZ 3737 LL	3.7	P	lb	--	M	--	--	--	Rps1k	3.0	--
CREDENZ	CZ 3841 LL	3.8	W	B	MR	--	--	--	--	1a	2.0	--
CREDENZ	CZ 3945 LL	3.9	W	Bf	--	M	--	--	--	--	3.0	--
CREDENZ	CZ 4044 LL	4.0	W	Bl	--	--	--	--	--	Rps1c	3.0	--
CREDENZ	CZ 4105 LL	4.1	W	Bl	--	--	--	--	--	Rps1c	3.0	--
CREDENZ	CZ 4540 LL	4.5	W	Bl	--	--	--	--	--	--	--	--
CREDENZ	CZ 4748 LL	4.7	W	Bl	--	M	--	--	--	--	3.0	--
CREDENZ	CZ 4818 LL	4.8	W	Br	--	--	--	--	--	--	--	--
CREDENZ	CZ 5147 LL	5.1	P	Bl	--	--	--	--	--	--	--	--
CREDENZ	CZ 5242 LL	5.2	P	lb	--	MR	--	--	--	--	--	--
CREDENZ	HBK LL4950	4.9	W	IB	--	MR	--	--	--	Rps1c	--	--
CREDENZ	HBK LL4953	4.9	P	IB	R	--	--	--	--	lc	--	--
EMERGE GENETICS	e3692s	3.6	--	--	--	--	--	--	--	--	--	--
EMERGE GENETICS	e4310s	4.3	--	--	--	--	--	--	--	--	--	--
EMERGE GENETICS	e4993s	4.9	--	--	--	--	--	--	--	--	--	--
IOWA AES	IA3023	3.0	P	Y	S	S	S	S	--	S	--	--
IOWA AES	IA4004	4.0	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K07-1633	4.2	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K10-8556	4.2	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K11-2363B	4.3	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K11-2363T	4.3	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K12-1348	5.0	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K12-1355	5.1	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K12-1575	4.0	--	--	--	--	--	--	--	--	--	--
KANSAS AES	K12-2333	4.0	--	--	--	--	--	--	--	--	--	--
KANSAS AES	KS4313N	4.3	--	--	--	--	--	--	--	--	--	--
KANSAS AES	KS5004N	5.0	--	--	--	--	--	--	--	--	--	--
KANSAS AES	KS5502N	5.2	--	--	--	--	--	--	--	--	--	--
MORSOY	LL 3944	3.9	W	BL	--	R	--	MR	PI88788	lc	2.0	--
MORSOY	LL 4524	4.5	M	BL	--	R	--	MR	PI88788	--	2.0	--

To access crop performance testing information electronically, visit our website. The information contained in this publication, plus more, is available for viewing or downloading at:

**[www.agronomy.k-state.edu/services/crop-performance-tests/index.html](http://www.agronomy.k-state.edu/services/crop-performance-tests/index.html)**

Excerpts from the  
University Research Policy Agreement with Cooperating Seed Companies

Permission is hereby given to Kansas State University (KSU) to test varieties and/or hybrids designated on the attached entry forms in the manner indicated in the test announcements. I certify that seed submitted for testing is a true sample of the seed being offered for sale.

I understand that all results from Kansas Crop Performance Tests belong to the University and the public and shall be controlled by the University so as to produce the greatest benefit to the public. Performance data may be used in the following ways: 1) Tables may be reproduced in their entirety provided the source is referenced and data are not manipulated or reinterpreted; 2) Advertising statements by an individual company about the performance of its entries may be made as long as they are accurate statements about the data as published, with no reference to other companies' names or cultivars. In both cases, the following must be included with the reprint or ad citing the appropriate publication number and title: "See the official Kansas State University Agricultural Experiment Station and Cooperative Extension Service Report of Progress 1121, '2015 Kansas Performance Tests with Soybean Varieties,' or the Kansas Crop Performance Test website, [www.agronomy.k-state.edu/services/crop-performance-tests/index.html](http://www.agronomy.k-state.edu/services/crop-performance-tests/index.html), for details. Endorsement or recommendation by Kansas State University is not implied."

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