

VARIETY	MATURITY	2020 SE KS REGIONAL AVG		REPLICATED TEST	STRIP TESTS			STATE TEST			THREE YEAR AVG		
		AVERAGE PERCENT	# OF PLOT LOCATIONS	PITTSBURG	BLUE MOUND	MORAN	YATES CENTER	PARSONS	PARSONS DOUBLE CROP	PITTSBURG	2019	2018	2017
<b>XTEND</b>													
3930NXS	3.9	108%	3	104%		106%	113%						
4031X	4.0	88%	2	78%			97%						
4140NXS	4.1	109%	3	121%		108%	99%			104%			
4251X	4.2	84%	3	81%		88%	83%						
4328NX	4.3	97%	3	91%		100%	101%			105%			
4488NXS	4.4	113%	6	128%		105%	114%	104%	102%	123%	109%	103%	
4551XS	4.5	108%	2	114%		102%					103%	107%	
4677NXS	4.6	109%	6	122%		115%	101%	111%	92%	110%	105%	101%	
4850X	4.8	98%	6	96%		88%	87%	104%	107%	104%			
4991XS	4.9	107%	6	105%		107%	100%	103%	110%	115%	106%		
<b>ENLIST</b>													
3999E3	3.9	88%	3	81%	103%	81%					106%		
4260E3S	4.2	97%	3	91%	101%	99%					104%		
4440E3	4.4	93%	3	88%	95%	96%							
4661E3S	4.6	99%	3	93%	96%	108%							
4880E3S	4.8	103%	6	114%	101%	108%		101%	104%	88%			
5090E3	5.0	104%	3	103%	110%	100%					99%		

TEST AVERAGE BU/ACRE:	38	65	37	38	57	36	57
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- Percentages are percent of test average
- Each yield is adjusted to 13% moisture
- Plots are planted by relative maturity
- Yields are adjusted from the two nearest checks to accommodate for variability within the plot



**SOUTHEAST  
KANSAS  
REPLICATED TEST**

**Pittsburg, KS**

Date Planted: 06/03/2020  
Soil Type: Parsons Silt Loam

Date Harvested: 11/6/2020  
Tillage: No-Till

<b>RANK</b>	<b>HYBRID</b>	<b>YIELD</b>	<b>PAVG</b>	<b>TW</b>
1	4488NXS	48.2	128%	62
2	4677NXS	46.0	122%	62
3	4140NXS	45.5	121%	59
4	4551XS	42.9	114%	59
5	4880E3S	42.9	114%	59
6	DM48E73	41.7	111%	53
7	DM47X39	40.4	107%	51
8	4991XS	39.8	105%	55
9	3930NXS	39.2	104%	49
10	5090E3	38.8	103%	50
11	AG41X8	38.7	102%	48
12	DM49X13	38.3	102%	54
13	4850X	36.2	96%	42
14	GH 4307X	35.5	94%	47
15	4661E3S	35.2	93%	47
16	AG39X7	35.0	93%	43
17	4328NX	34.5	91%	43
18	4260E3S	34.3	91%	45
19	GH 3982X	33.6	89%	42
20	4440E3	33.4	88%	45
21	DM44X31	31.7	84%	39
22	4251X	30.7	81%	38
23	3999E3	30.7	81%	41
24	P42A96X	29.9	79%	41
25	4031X	29.6	78%	40
26	P 35A70X	19.8	52%	25
27	P38A92X	14.6	39%	16

Mn 37.8  
LSD(.10) 7.2  
CVErr 14.1



**SOUTHEAST  
KANSAS  
STRIP TESTS**

DUNLOP FARMS

BLUE MOUND, KS

Producer

Location

**PLANTED: 06/09/2020**

**HARVESTED: 10/16/2020**

PREVIOUS CROP: CORN

IRRIGATED: NO

POP: 140,000.00

TILLAGE: CONVENTIONAL

SOIL TYPE: WOODSON SILT LOAM

TRAIT(S): ENLIST

VARIETY	RELATIVE MATURITY	YIELD	%	YIELD RANK	TW
3999E3 - CHECK	3.9	64	98%	11	55
3999E3	3.9	66.8	103%	3	56
TAYLOR 3940E	3.9	65.5	101%	8	55
STINE 39EA02	3.9	65.3	100%	9	55
4260E3S	4.2	65.6	101%	7	55
TAYLOR 4241E3	4.2	65.3	100%	9	56
4440E3	4.4	62.1	95%	13	56
4661E3S	4.6	62.3	96%	12	55
STINE 46EB22	4.6	59.7	92%	16	55
TAYLOR 4641ES	4.6	61.8	95%	14	56
STINE 46EB23	4.6	61	94%	15	57
STINE 46EB22 SALTRO	4.6	66.3	102%	5	55
STINE 47EB32	4.7	66.6	102%	4	55
4880E3S	4.8	65.9	101%	6	54
STINE 48EB20	4.8	71.3	110%	2	57
5090E3	5	71.9	110%	1	56

**AVERAGE: 65.1**

- Percentages are percent of test average
- Each yield is adjusted to 13.5% moisture
- Plots are planted by relative maturity
- Yields are adjusted from the two nearest checks to accommodate for variability within the plot



**SOUTHEAST  
KANSAS  
STRIP TESTS**

CHRIS ELMENHORST MORAN, KS

Producer

Location

**PLANTED: 06/12/2020**

**HARVESTED: 11/06/2020**

PREVIOUS CROP: CORN

IRRIGATED: NO

POP: 160,000.00

TILLAGE: CONVENTIONAL

SOIL TYPE: WOODSON SILT LOAM

TRAIT(S): XTEND, ENLIST, NON GMO

VARIETY	RELATIVE MATURITY	YIELD	%	YIELD RANK	TW
4328NX - CHECK	4.3	<b>36.6</b>	<b>100%</b>	<b>13</b>	<b>56</b>
3930NXS	3.9	<b>38.9</b>	<b>106%</b>	<b>7</b>	<b>59</b>
3999E3	3.9	<b>29.8</b>	<b>81%</b>	<b>20</b>	<b>54</b>
4140NXS	4.1	<b>39.8</b>	<b>108%</b>	<b>2</b>	<b>58</b>
4251X	4.2	<b>32.2</b>	<b>88%</b>	<b>18</b>	<b>57</b>
4260E3S	4.2	<b>36.4</b>	<b>99%</b>	<b>14</b>	<b>57</b>
V4220S	4.2	<b>37.4</b>	<b>102%</b>	<b>10</b>	<b>56</b>
4488NXS	4.4	<b>38.6</b>	<b>105%</b>	<b>9</b>	<b>57</b>
4440E3	4.4	<b>35.4</b>	<b>96%</b>	<b>15</b>	<b>56</b>
4551XS	4.5	<b>37.3</b>	<b>102%</b>	<b>11</b>	<b>59</b>
V4521S	4.5	<b>38.8</b>	<b>106%</b>	<b>8</b>	<b>56</b>
4677NXS	4.6	<b>42.3</b>	<b>115%</b>	<b>1</b>	<b>58</b>
4661E3S	4.6	<b>39.5</b>	<b>108%</b>	<b>4</b>	<b>55</b>
V4720S	4.7	<b>39.3</b>	<b>107%</b>	<b>5</b>	<b>60</b>
4850X	4.8	<b>32.3</b>	<b>88%</b>	<b>17</b>	<b>56</b>
4880E3S	4.8	<b>39.6</b>	<b>108%</b>	<b>3</b>	<b>59</b>
4991XS	4.9	<b>39.3</b>	<b>107%</b>	<b>5</b>	<b>57</b>
V4921S	4.9	<b>33</b>	<b>90%</b>	<b>16</b>	<b>56</b>
KS5004	5.0	<b>30.9</b>	<b>84%</b>	<b>19</b>	<b>54</b>
5090E3	5.0	<b>36.7</b>	<b>100%</b>	<b>12</b>	<b>56</b>
<b>AVERAGE:</b>		<b>36.7</b>			<b>57</b>

- Percentages are percent of test average
- Each yield is adjusted to 13.5% moisture
- Plots are planted by relative maturity
- Yields are adjusted from the two nearest checks to accommodate for variability within the plot



**SOUTHEAST  
KANSAS  
STRIP TESTS**

WEBER SEED SERVICE YATES CENTER, KS

Producer

Location

**PLANTED: 06/08/2020**

**HARVESTED: 11/13/2020**

PREVIOUS CROP:

CORN

IRRIGATED: NO

POP:

140,000.00

TILLAGE: NO-TILL

SOIL TYPE:

HEPLER SILT LOAM

TRAIT(S): XTEND

VARIETY	RELATIVE MATURITY	YIELD	%	YIELD RANK
4328NX - CHECK	4.3	<b>38.2</b>	<b>101%</b>	<b>7</b>
3930NXS	3.9	<b>42.8</b>	<b>113%</b>	<b>2</b>
4031X	4	<b>36.7</b>	<b>97%</b>	<b>14</b>
4140NXS	4.1	<b>37.5</b>	<b>99%</b>	<b>10</b>
4251X	4.2	<b>31.3</b>	<b>83%</b>	<b>16</b>
BECKS 4119X2	4.1	<b>36.8</b>	<b>97%</b>	<b>13</b>
4488NXS	4.4	<b>43.3</b>	<b>114%</b>	<b>1</b>
BECKS 4447X2	4.4	<b>38.7</b>	<b>102%</b>	<b>5</b>
4677NXS	4.6	<b>38.4</b>	<b>101%</b>	<b>6</b>
NC+ X4641	4.6	<b>38</b>	<b>100%</b>	<b>8</b>
INTEGRA 5466NS	4.6	<b>39.1</b>	<b>103%</b>	<b>4</b>
4850X	4.8	<b>32.9</b>	<b>87%</b>	<b>15</b>
BECKS4887X2	4.8	<b>37.3</b>	<b>98%</b>	<b>12</b>
INTEGRA XP4.8	4.8	<b>39.4</b>	<b>104%</b>	<b>3</b>
4991XS	4.9	<b>37.9</b>	<b>100%</b>	<b>9</b>
BECKS 5119X2	5.1	<b>37.3</b>	<b>99%</b>	<b>11</b>

**AVERAGE: 37.9**

- Percentages are percent of test average
- Each yield is adjusted to 13.5% moisture
- Plots are planted by relative maturity
- Yields are adjusted from the two nearest checks to accommodate for variability within the plot



**SOUTHEAST  
KANSAS  
STATE TEST**

**2020 Parsons, Kansas Soybean Performance Test, Maturity Groups 3-4**

<b>RANK</b>	<b>BRAND</b>	<b>NAME</b>	<b>YIELD (bu/a)</b>	<b>PAVG (%)</b>	<b>HT (in)</b>
1	DYNA-GRO	DG S46XS60	62.9	116	32.5
2	DYNA-GRO	DG S43XS70	62.8	115	36.0
3	DYNA-GRO	DG S44EN40	61.9	114	30.0
4	MIDLAND	4677NXS	60.6	111	41.5
5	VIRTUE SEEDS	V 4520S	59	108	32.3
6	STRATTON	AGS GS42X19S	57.9	106	33.8
7	DYNA-GRO	DG S45ES10	56.9	104	33.5
8	MIDLAND	4488NXS	56.5	104	37.2
9	ARKANSAS	R16-259	56.4	103	36.0
10	STRATTON	Go Soy 43C17S	56.2	103	25.8
11	VIRTUE SEEDS	V 3720S	55.2	101	29.8
12	DONMARIO	DM 44X11	55.1	101	37.3
13	STRATTON	Go Soy 38E21S	54.5	100	27.3
14	CHECK	19MG3.9	53.6	98	34.5
15	KANSAS AES	KS4117Ns	52.4	96	25.3
16	STRATTON	Go Soy 463E20S	51.5	95	37.8
17	KANSAS AES	KS4520NS	51.2	94	28.8
18	KANSAS AES	KS4120NSGT	50.8	93	24.5
19	DYNA-GRO	DG S46ES91	50.5	93	36.5
20	ASGROW	AG35x9	49.6	91	31.3
21	CHECK	19MG3.1	48.9	90	34.5
22	MISSOURI	S15-10879C	44.7	82	31.5
		Average	54.5		32.6
		CV (%)	5.9		
		LSD (0.1)*	4.4		

\*Yields must differ by more than the LSD value to be considered statistically different.



**SOUTHEAST  
KANSAS  
STATE TEST**

**2020 Parsons, Kansas Soybean Performance Test, Maturity Groups 4-5**

<b>RANK</b>	<b>BRAND</b>	<b>NAME</b>	<b>YIELD (bu/a)</b>	<b>PAVG (%)</b>	<b>HT (in)</b>
1	STRATTON	Go Soy 491E19S	64.6	110	42.5
2	DONMARIO	DM 49X13	64.2	109	34.5
3	DYNA-GRO	DG S48XT90	63.5	108	34.8
4	DYNA-GRO	DG S49EN79	62.6	107	33.3
5	STRATTON	AGS GS49X21	62.4	106	40.3
6	KANSAS AES	K15-1809	62.2	106	27.7
7	MIDLAND	4850X	61.4	104	34.5
8	KANSAS AES	KS5004N	60.6	103	34.3
9	STRATTON	Go Soy GT Ireane	60.5	103	38.3
10	MIDLAND	4991NXS	60.3	103	39.0
11	CHECK	19MG4.8	59.8	102	29.7
12	ASGROW	AG48x9	59.7	102	35.0
13	MIDLAND	4880E3S	59.5	101	42.8
14	KANSAS AES	KS5120NS	59.1	101	33.0
15	STRATTON	Go Soy 51E21	59.1	101	34.5
16	KANSAS AES	K15-1874	59	101	31.3
17	STRATTON	AGS GS52X19S	58.8	100	38.5
18	ARKANSAS	R15-2422	58.3	99	38.0
19	MISSOURI	S16-11644C	58.3	99	42.8
20	VIRTUE SEEDS	V 4921S	57.6	98	32.0
21	MISSOURI	S16-7922C	56.8	97	44.5
22	MISSOURI	S16-11651C	56.6	96	39.8
23	STRATTON	Go Soy 471E19S	56.2	96	29.0
24	STRATTON	Go Soy 49G16	53.7	91	41.0
25	MISSOURI	S16-3747RY	53.2	91	38.8
26	STRATTON	Go Soy 48C17S	53.2	91	36.8
27	STRATTON	Go Soy 5214GTS	52.4	89	46.8
28	KANSAS AES	KS4919N	51.4	88	36.0
		Average	58.8		36.5
		CV (%)	4.9		
		LSD (0.1)*	3.4		

\*Yields must differ by more than the LSD value to be considered statistically different.



**SOUTHEAST  
KANSAS  
STATE TEST**

**2020 Parsons, Kansas Double-Cropped Soybean Performance Test, Maturity 3-4**

<b>RANK</b>	<b>BRAND</b>	<b>NAME</b>	<b>YIELD (bu/a)</b>	<b>PAVG (%)</b>	<b>HT (in)</b>
1	DYNA-GRO	DG S46XS60	41.1	128	23.5
2	DYNA-GRO	DG S46ES91	39.3	123	27.8
3	DYNA-GRO	DG S43XS70	38.6	121	27.0
4	STRATTON	AGS GS42X19S	36.3	114	22.3
5	STRATTON	Go Soy 463E20S	35.8	112	25.5
6	DYNA-GRO	DG S44EN40	35.3	110	20.0
7	CHECK	19MG3.9	34.6	108	20.7
8	STRATTON	Go Soy 38E21S	33.4	104	19.5
9	KANSAS AES	KS4120NSGT	33	103	17.3
10	VIRTUE SEEDS	V 4520S	32.9	103	23.0
11	MIDLAND	4488NXS	32.7	102	29.0
12	DONMARIO	DM 40X61	32.1	100	24.8
13	ARKANSAS	R16-259	30.7	96	21.0
14	MISSOURI	S15-10879C	30.5	95	23.3
15	DYNA-GRO	DG S45ES10	30.4	95	20.5
16	DONMARIO	DM 44X11	30.1	94	24.5
17	MIDLAND	4677NXS	29.5	92	25.3
18	KANSAS AES	KS4117Ns	29.1	91	18.5
19	VIRTUE SEEDS	V 3720S	29.1	91	20.8
20	CHECK	19MG3.1	28.8	90	20.5
21	KANSAS AES	KS4520NS	28.2	88	21.0
22	ASGROW	AG35x9	25.8	81	21.3
23	STRATTON	Go Soy 43C17S	25.6	80	20.8
Average			32		22.8
CV (%)			12.5		
LSD (0.1)*			5.6		

\*Yields must differ by more than the LSD value to be considered statistically different.





**SOUTHEAST  
KANSAS  
STATE TEST**

**2020 Parsons, Kansas Double-Cropped Soybean Performance Test, Maturity 4-5**

<b>RANK</b>	<b>BRAND</b>	<b>NAME</b>	<b>YIELD (bu/a)</b>	<b>PAVG (%)</b>	<b>HT (in)</b>
1	MIDLAND	4991NXS	44.3	110	32.8
2	KANSAS AES	K15-1809	43.8	108	24.3
3	DONMARIO	DM 49X13	43.7	108	29.8
4	STRATTON	Go Soy 49G16	43.6	108	31.8
5	DYNA-GRO	DG S48XT90	43.5	108	27.3
6	MIDLAND	4850X	43.4	107	27.8
7	VIRTUE SEEDS	V 4921S	43.3	107	27.0
8	MISSOURI	S16-3747RY	43.1	106	33.8
9	STRATTON	AGS GS52X19S	42.7	105	31.5
10	STRATTON	Go Soy 51E21	42.6	105	28.3
11	KANSAS AES	KS5120NS	42.2	104	28.0
12	MIDLAND	4880E3S	42.1	104	36.3
13	DYNA-GRO	DG S49EN79	41.8	103	25.8
14	MISSOURI	S16-7922C	41.6	103	37.8
15	KANSAS AES	KS4919N	41.1	102	30.8
16	STRATTON	Go Soy 491E19S	41	101	33.0
17	KANSAS AES	K15-1874	40.6	100	27.0
18	MISSOURI	S16-11651C	40.6	100	32.3
19	ARKANSAS	R15-2422	40.3	100	34.3
20	MISSOURI	S16-11644C	40.2	99	30.0
21	STRATTON	Go Soy 48C17S	39.2	97	29.5
22	STRATTON	Go Soy GT Ireane	38.9	96	27.3
23	CHECK	19MG4.8	37.2	92	23.3
24	STRATTON	Go Soy 5214GTS	37.2	92	42.8
25	STRATTON	AGS GS49X21	33.8	84	32.5
26	KANSAS AES	KS5004N	32.9	81	30.5
27	STRATTON	Go Soy 471E19S	28.2	70	22.0
		Average	40.5		29.9
		CV (%)	8.6		
		LSD (0.1)*	4.8		

\*Yields must differ by more than the LSD value to be considered statistically different.



**SOUTHEAST  
KANSAS  
STATE TEST**

**2020 Pittsburg, Kansas Soybean Performance Test, Cherokee County**

<b>RANK</b>	<b>BRAND</b>	<b>NAME</b>	<b>YIELD (bu/a)</b>	<b>PAVG (%)</b>	<b>HT (in)</b>
1	MIDLAND	4488NXS	62.5	123	40.5
2	KANSAS AES	KS5120NS	59.8	118	42.5
3	MIDLAND	4991NXS	58.5	115	44
4	KANSAS AES	KS4919N	57.6	113	39.5
5	STRATTON	Go Soy 38E21S	57.2	112	35.5
6	ASGROW	AG48x9	56	110	41.5
7	MIDLAND	4677NXS	55.9	110	48.5
8	STRATTON	Go Soy 49G16	55.2	108	44.5
9	KANSAS AES	K15-1874	54.7	107	38.5
10	ASGROW	AG35x9	54.5	107	38.5
11	KANSAS AES	K15-1809	54.3	107	36.5
12	VIRTUE SEEDS	V 4520S	53.5	105	38.5
13	CHECK	20MG3.9	53.4	105	35.5
14	STRATTON	Go Soy 471E19S	53.3	105	31.5
15	STRATTON	Go Soy 51E21	53.2	104	41.5
16	STRATTON	AGS GS49X21	52.8	104	44.5
17	MIDLAND	4850X	52.7	104	34.5
18	CHECK	20MG3.1	52	102	38.5
19	ARKANSAS	R16-259	51.7	102	41
20	DONMARIO	DM 49X13	51.6	101	33.5
21	STRATTON	AGS GS42X19S	50.2	99	36.5
22	STRATTON	Go Soy 5214GTS	49.8	98	50.5
23	STRATTON	Go Soy 463E20S	49.7	98	36.5
24	STRATTON	Go Soy 43C17S	48.6	95	28.5
25	KANSAS AES	KS5004N	48.3	95	45.5
26	CHECK	20MG4.8	48.2	95	32.5
27	DONMARIO	DM 44X11	48	94	35.5
28	VIRTUE SEEDS	V 4921S	47.8	94	33.5
29	STRATTON	Go Soy GT Ireane	46.1	91	41.5
30	STRATTON	Go Soy 491E19S	44.8	88	48.5
31	MIDLAND	4880E3S	44.5	88	51.5
32	ARKANSAS	R15-2422	42	83	39.5
33	STRATTON	Go Soy 48C17S	38.6	76	46.5
34	KANSAS AES	KS4117Ns	37.9	75	38.5
35	STRATTON	AGS GS52X19S	37.9	74	35
		Average	50.9	100	39.2
		CV (%)	6.9		
		LSD (0.1)*	4.1		

\*Yields must differ by more than the LSD value to be considered statistically different.