



**CONVENTIONAL
SOYBEANS
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	36.6	100%	13	56
3930NXS	3.9	38.9	106%	7	59
3999E3	3.9	29.8	81%	20	54
4140NXS	4.1	39.8	108%	2	58
4251X	4.2	32.2	88%	18	57
4260E3S	4.2	36.4	99%	14	57
V4220S	4.2	37.4	102%	10	56
4488NXS	4.4	38.6	105%	9	57
4440E3	4.4	35.4	96%	15	56
4551XS	4.5	37.3	102%	11	59
V4521S	4.5	38.8	106%	8	56
4677NXS	4.6	42.3	115%	1	58
4661E3S	4.6	39.5	108%	4	55
V4720S	4.7	39.3	107%	5	60
4850X	4.8	32.3	88%	17	56
4880E3S	4.8	39.6	108%	3	59
4991XS	4.9	39.3	107%	5	57
V4921S	4.9	33.0	90%	16	56
KS5004	5	30.9	84%	19	54
5090E3	5	36.7	100%	12	56

AVERAGE: 36.7

- 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



**CONVENTIONAL
SOYBEANS
STRIP TESTS**

SYLVESTER RANCH

OTTAWA, KS

Producer

Location

PLANTED: 05/20/2020

HARVESTED: 11/18/2020

PREVIOUS CROP: CORN

IRRIGATED: NO

POP: 140,000.00

TILLAGE: NO-TILL

SOIL TYPE: OSAGE SILTY CLAY LOAM

TRAIT(S): NON GMO

VARIETY	RELATIVE MATURITY	YIELD	%	YIELD RANK
4677NXS	4.6	60.2	111%	1
V3720S	3.7	54.6	101%	3
V4220S	4.2	52.4	96%	5
V4520S	4.5	49.5	91%	6
V4720S	4.7	53.3	98%	4
V4921S	4.9	55.9	103%	2

AVERAGE: 54.3

- 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



**CONVENTIONAL
SOYBEANS
STRIP TESTS**

VIETS FARMS

Producer

ST. PAUL, KS

Location

PLANTED: _____ **06/06/2020**

HARVESTED: _____ **11/07/2020**

PREVIOUS CROP:

CORN

IRRIGATED NO

POP:

130, 500

TILLAGE: CONVENTIONAL

SOIL TYPE:

PARSONS SILT LOAM

TRAIT(S): NON GMO

VARIETY	RELATIVE MATURITY	YIELD	%	YIELD RANK
V4520S - CHECK	4.5	30.1	95%	5
9920	5.0	32.3	102%	2
5004	5.0	33.5	106%	1
V4921S	4.9	32.1	101%	3
V4720S	4.7	30.5	96%	4
AVERAGE:		31.7		

- 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



**CONVENTIONAL
SOYBEANS
STATE TESTS**

2020 Kiro, Kansas Dryland Soybean Performance Test, Shawnee County

RANK	BRAND	NAME	YIELD (bu/a)	PAVG (%)	HT (in)
1	MIDLAND	4260E3S	79.1	111	41.5
2	KANSAS AES	KS4117Ns	77.6	109	39
3	VIRTUE SEEDS	V 4921S	76.6	107	42
4	DONMARIO	DM 49X13	75.5	106	47
5	MIDLAND	4251X	75.3	105	46
6	KANSAS AES	KS4120NSGT	74.0	104	39
7	BIOMINERAL	BIOMINERAL-SO	72.6	102	38
8	MIDLAND	3999E3	72.5	102	41.5
9	KANSAS AES	KS4520NS	72.4	101	40
10	ASGROW	AG48x9	72.1	101	47.5
11	CHECK	20MG3.1	71.8	101	49
12	MIDLAND	3930NXS	71.1	100	46
13	DONMARIO	DM 44X11	71.0	99	48.5
14	VIRTUE SEEDS	V 3720S	70.5	99	40
15	ASGROW	AG41x8	69.0	97	48.5
16	ASGROW	AG35x9	68.7	96	43
17	VIRTUE SEEDS	V 4520S	68.6	96	47.5
18	CHECK	20MG3.9	68.1	95	44.5
19	BIOMINERAL	BIOMINERAL-SY	68.0	95	41.5
20	CHECK	20MG4.8	68.0	95	35.5
21	MIDLAND	4140NXS	67.5	94	48.5
22	MISSOURI	S15-10879C	55.8	78	43
Average			71.4	100	43.7
CV (%)			6	--	
LSD (0.1)*			6	--	

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



**CONVENTIONAL
SOYBEANS
STATE TESTS**

2020 Ottawa, Kansas Soybean Performance Test, Maturity Groups 3-4

RANK	BRAND	NAME	YIELD (bu/a)	PAVG (%)	HT (in)
1	CHECK	20MG3.1	57.3	119	39
2	STRATTON	Go Soy 38E21S	56.9	118	30
3	ASGROW	AG35x9	54.5	113	32
4	VIRTUE SEEDS	V 4520S	52.0	108	37
5	CHECK	20MG3.9	51.3	107	34
6	DONMARIO	DM 44X11	51.0	106	40
7	KANSAS AES	KS4120NSGT	50.7	105	31
8	KANSAS AES	KS4117Ns	47.3	99	30
9	STRATTON	Go Soy 43C17S	47.3	98	32
10	VIRTUE SEEDS	V 3720S	46.0	96	31
11	ASGROW	AG48x9	45.0	94	40
12	KANSAS AES	KS4520NS	44.4	92	35
13	STRATTON	AGS GS42X19S	43.8	91	34
14	MISSOURI	S15-10879C	43.0	89	36
15	STRATTON	Go Soy 463E20S	41.4	86	41
Average			48		34.9
CV (%)			6.8		
LSD (0.1)*			4.6		

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



**CONVENTIONAL
SOYBEANS
STATE TESTS**

2020 Ottawa, Kansas Soybean Performance Tests, Maturity Groups 4-5

RANK	BRAND	NAME	YIELD (bu/a)	PAVG (%)	HT (in)
1	KANSAS AES	K15-1809	58.8	121	33.8
2	CHECK	20MG4.8	54.6	112	34.3
3	KANSAS AES	KS5120NS	53.1	109	36
4	STRATTON	Go Soy 471E19S	50.9	105	45.8
5	STRATTON	Go Soy 51E21	50.3	103	39.3
6	KANSAS AES	K15-1874	50.1	103	35.5
7	STRATTON	AGS GS49X21	49.4	102	43
8	DONMARIO	DM 49X13	48.7	100	38.8
9	STRATTON	Go Soy GT Ireane	48.0	99	37.5
10	STRATTON	Go Soy 491E19S	47.7	98	47.8
11	STRATTON	Go Soy 49G16	47.3	97	43.3
12	STRATTON	AGS GS52X19S	47.2	97	41.5
13	KANSAS AES	KS4919N	46.3	95	38.8
14	STRATTON	Go Soy 5214GTS	46.3	95	49.5
15	VIRTUE SEEDS	V 4921S	45.0	92	37.8
16	STRATTON	Go Soy 48C17S	44.4	91	41
17	KANSAS AES	KS5004N	43.7	90	41.8
		Average	48.6		40.3
		CV (%)	7		
		LSD (0.1)*	4.1		

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



**CONVENTIONAL
SOYBEANS
STATE TESTS**

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

RANK	BRAND	NAME	YIELD (bu/a)	PAVG (%)	HT (in)
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.



**CONVENTIONAL
SOYBEANS
STATE TESTS**

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

RANK	BRAND	NAME	YIELD (bu/a)	PAVG (%)	HT (in)
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.



**CONVENTIONAL
SOYBEANS
STATE TESTS**

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

RANK	BRAND	NAME	YIELD (bu/a)	PAVG (%)	HT (in)
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.



**CONVENTIONAL
SOYBEANS
STATE TESTS**

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

RANK	BRAND	NAME	YIELD (bu/a)	PAVG (%)	HT (in)
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.