

**2018 Rossville, Kansas Irrigated Soybean Performance Test, Shawnee County**

<b>BRAND</b>	<b>NAME</b>	<b>YIELD (bu/a)</b>	<b>PAVG (%)</b>	<b>MAT (date)</b>	<b>LDG (score 1-9)</b>	<b>HT (in)</b>	<b>**AUDC (SDS rating)</b>
CHECK	MG3.9	53.4	94.9	22-Sep-18	2.5	39	121
CREDENZ	CZ 3548 LL	50.2	89.2	19-Sep-18	3.3	36	45
CREDENZ	CZ 3601 LL	53.8	95.6	22-Sep-18	2.5	36	125
CREDENZ	CZ 3841 LL	57.6	102.3	21-Sep-18	2.8	43	169
CREDENZ	CZ 4105 LL	48.7	86.5	29-Sep-18	1.5	38	65
CREDENZ	CZ 4222 LL	57.8	102.7	25-Sep-18	2.5	41	35
CREDENZ	CZ 4308 LL	55.1	97.9	26-Sep-18	1.8	44	4
CREDENZ	CZ 4548 LL	51.6	91.7	24-Sep-18	2.8	46	241
HEFTY	H31x9	52.6	93.5	23-Sep-18	2.3	37	129
HEFTY	H35x8	52.8	93.8	28-Sep-18	1.5	32	77
HEFTY	H37x7	54.4	96.7	25-Sep-18	3.8	46	242
HEFTY	H39x8	57.8	102.7	25-Sep-18	1.8	43	11
HEFTY	H42x9	57.9	102.9	21-Sep-18	2.2	43	72
LG SEEDS	C3985RX	63.7	113.2	23-Sep-18	1.3	41	5
LG SEEDS	C4227RX	66.1	117.4	23-Sep-18	2.3	42	14
LG SEEDS	C4615RX	61.7	109.6	14-Oct-18	2	54	9
LG SEEDS	LGS3777RX	57.8	102.7	25-Sep-18	3	46	189
LG SEEDS	LGS4573RX	55.9	99.3	10-Oct-18	3	48	39
MIDLAND	3537NX	53.7	95.4	24-Sep-18	1.8	35	86
MIDLAND	3779NXS	57.3	101.8	25-Sep-18	2.5	42	162
MIDLAND	3938NX	62	110.2	23-Sep-18	2.3	40	4
MIDLAND	4328NX	57.9	102.9	26-Sep-18	2	45	102
MIDLAND	4488NXS	58.1	103.2	06-Oct-18	2.5	43	22
MISSOURI	S13-10590C	58	103.1	29-Sep-18	2.3	36	88
MISSOURI	S13-3851C	50.7	90.1	03-Oct-18	2	37	5
MISSOURI	S14-15138R	47.6	84.6	09-Oct-18	1.8	44	14
MISSOURI	S14-9051R	56	99.5	07-Oct-18	2	37	8
STINE	43RE02	64.6	114.8	--	--	--	--
WILLCROSS	WX3388N	54.8	97.4	23-Sep-18	1.5	38	38
WILLCROSS	WX3467NS	54.1	96.1	07-Oct-18	1.8	54	80
	AVERAGE	56.28	100.0	27-Sep-18	2.3	41	79
	CV (%)	8.7		--	--	9	--
	LSD (0.1)	5.7		--	0.8	6	102

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

Planted: 5/10/2018

\*\* AUDPC = area under the disease progress curve. This is an assessment of the severity of Soybean Sudden Death Syndrome (SDS) in the plot.

The higher the AUDPC, the more severe the SDS symptoms.