

2019 Rossville, Kansas Irrigated Soybean Performance Test, Shawnee County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MAT (date)	LDG (score 1-9)	HT (in)	AUDC** (SDS rating)
ASGROW	AG35x9	61.8	98.9	26-Sep-19	2.0	28.0	240
ASGROW	AG35x9	67.7	108.4	02-Oct-19	2.0	36.0	122
ASGROW	AG41x8	66.2	105.9	29-Sep-19	1.5	35.0	30
ASGROW	AG41x8	52.1	83.3	01-Oct-19	1.3	45.5	850
CHECK	19MG3.1	63.4	101.5	29-Sep-19	1.5	31.5	137
CHECK	19MG3.9	59.4	95.0	29-Sep-19	1.8	36.0	98
GOLDEN HARVEST	3934	59.2	94.8	04-Oct-19	2.0	40.5	83
GOLDEN HARVEST	4628	64.4	103.1	07-Oct-19	1.8	37.5	225
KANSAS AES	K15-1283	66.9	107.1	07-Oct-19	2.5	34.5	160
KANSAS AES	K4117Nsgr	62.2	99.5	29-Sep-19	1.8	32.5	425
KANSAS AES	KS4117Ns	65.1	104.1	01-Oct-19	1.3	31.0	121
MIDLAND	3930NXS	74.6	119.4	03-Oct-19	1.5	41.5	44
MIDLAND	4140NXS	62.3	99.6	09-Oct-19	2.3	38.5	294
MIDLAND	4328NX	63.9	102.3	08-Oct-19	1.5	40.0	55
MIDLAND	4488NXS	68.6	109.7	11-Oct-19	3.0	39.5	120
MISSOURI	S13-2743C	47.5	76.0	02-Oct-19	2.5	37.0	1257
MISSOURI	S13-3851C	65.7	105.1	07-Oct-19	2.3	39.0	35
MISSOURI	S14-15138R	65.7	105.2	12-Oct-19	2.5	36.0	42
MISSOURI	S14-15146R	55.5	88.9	04-Oct-19	2.8	35.5	798
MORSOY	MS 3907 RXT	64.4	103.0	04-Oct-19	1.8	36.0	374
MORSOY	MS 4117 RXT	55.9	89.5	05-Oct-19	2.0	36.5	203
MORSOY	MS 4426 RXT	73.8	118.2	12-Oct-19	3.8	39.0	405
MORSOY	MS 4706 RXT	69.2	110.8	12-Oct-19	4.0	46.0	535
MORSOY	MS 4846 RXT	65.0	104.1	12-Oct-19	2.8	39.5	159
PHILLIPS	379 NR2XSE	62.1	99.5	02-Oct-19	1.3	38.0	726
PHILLIPS	387 NR2X	59.8	95.7	01-Oct-19	2.3	40.5	368
PHILLIPS	387 NR2X	68.4	109.5	09-Oct-19	2.0	40.5	241
PHILLIPS	408 NR2XS	59.8	95.6	05-Oct-19	1.8	34.5	171
PHILLIPS	427 NR2XS	50.1	80.2	04-Oct-19	1.8	39.5	663
WILLCROSS	WX1038NGT/LL	69.0	110.4	09-Oct-19	3.0	40.5	471
WILLCROSS	WX1046NSGT/LL	39.8	63.6	01-Oct-19	2.8	39.5	1105
WILLCROSS	WX1441NLL	52.9	84.6	01-Oct-19	1.0	38.0	224
WILLCROSS	WXE8038NS	61.0	97.6	28-Sep-19	1.0	33.0	183
WILLCROSS	WXE8043NS	76.3	122.1	07-Oct-19	2.0	37.5	111
WILLCROSS	WXX3386N	67.4	107.8	30-Sep-19	1.5	39.5	159
	Average	62.5	100.0	04-Oct-19	2.1	37.5	321
	CV (%)	8.2	--	--	--	4.3	--
	LSD (0.1)*	6.0	--	--	0.8	2.7	247

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

** 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.