

**2023 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>PHT (in)</b>	<b>AUDC** (SDS rating)</b>
CHECK	MG3.1	81.2	109.4	21-Sep-23	1.0	34.5	45
CHECK	MG4.0	90.2	121.6	27-Sep-23	1.0	33.5	33
KANSAS AES	K18-1247	76.6	103.2	04-Oct-23	2.2	42.0	61
KANSAS AES	K18-1396	70.2	94.6	24-Sep-23	2.0	39.0	124
KANSAS AES	K18-1994	87.8	118.3	04-Oct-23	1.0	35.5	33
KANSAS AES	K18-6776 GT	72.4	97.6	26-Sep-23	2.0	39.0	86
KANSAS AES	K18-6812 GT	74.6	100.5	25-Sep-23	2.0	37.5	15
KANSAS AES	K18-6974 GT	72.0	97.0	26-Sep-23	2.0	39.0	191
KANSAS AES	KS4120NSGT	68.9	92.9	28-Sep-23	1.5	37.0	60
KANSAS AES	KS4323NS	69.7	93.9	26-Sep-23	1.5	55.5	421
KANSAS AES	KS4423N	70.5	95.0	29-Sep-23	1.5	37.0	37
KANSAS AES	KS4520NS	70.2	94.6	30-Sep-23	1.0	38.5	14
WILLCROSS	WXE8038NS	74.2	100.0	24-Sep-23	1.5	42.5	16
WILLCROSS	WXE8043NS	75.5	101.8	06-Oct-23	1.5	41.5	5
WILLCROSS	WXE8146NS	79.1	106.6	06-Oct-23	3.0	43.0	22
WILLCROSS	WXE8236N	79.0	106.5	26-Sep-23	1.5	38.0	12
WILLCROSS	WXE8337NS	69.7	93.9	30-Sep-23	2.0	38.5	14
	Average	75.4	100.0	28-Sep-23	1.7	39.5	70
	LSD (0.1)	10.1			1.1	8.5	135

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

\*\*AUDPC = area under the disease pressure curve. This is an assessment of the severity of Sudden Death Syndrome (SDS) in the plot. The higher the AUDPC, the more severe the SDS symptoms.