

2023 Silver Lake, Kansas Rainfed Soybean Performance Test, Shawnee County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MAT (date)	LDG (score 1-9)	PHT (in)	AUDC** (SDS rating)
CHECK	MG3.1	59.2	114.6	19-Sep-23	1.5	36.0	15
CHECK	MG4.0	54.6	105.8	21-Sep-23	2.0	36.0	15
KANSAS AES	K18-1247	50.1	97.1	26-Sep-23	2.5	41.5	89
KANSAS AES	K18-1396	52.0	100.8	21-Sep-23	2.5	40.0	53
KANSAS AES	K18-1994	51.9	100.5	28-Sep-23	1.0	37.0	81
KANSAS AES	K18-6776 GT	51.3	99.3	22-Sep-23	1.5	37.5	116
KANSAS AES	K18-6812 GT	51.0	98.7	20-Sep-23	1.5	36.0	34
KANSAS AES	K18-6974 GT	46.5	90.1	22-Sep-23	2.0	35.0	99
KANSAS AES	KS4120NSGT	45.1	87.3	24-Sep-23	1.5	35.0	55
KANSAS AES	KS4323NS	50.3	97.5	22-Sep-23	2.0	40.0	211
KANSAS AES	KS4423N	51.4	99.5	26-Sep-23	1.5	39.5	70
KANSAS AES	KS4520NS	47.6	92.2	24-Sep-23	1.5	39.0	14
NK SEEDS	NK39-M8XF	53.6	103.7	26-Sep-23	1.0	40.5	13
NK SEEDS	NK42-T5XF	53.9	104.3	04-Oct-23	1.0	37.5	35
NK SEEDS	NK43-Y9XFS	48.4	93.7	29-Sep-23	1.0	41.0	213
WILLCROSS	WXE8038NS	54.6	105.7	22-Sep-23	1.5	40.0	19
WILLCROSS	WXE8043NS	59.9	115.9	04-Oct-23	1.5	39.0	6
WILLCROSS	WXE8146NS	51.8	100.4	05-Oct-23	1.0	41.0	37
WILLCROSS	WXE8236N	52.9	102.5	22-Sep-23	1.0	36.0	42
WILLCROSS	WXE8337NS	46.7	90.5	25-Sep-23	1.5	38.0	55
	Average	51.6		25-Sep-23	1.5	38.3	64
	CV (%)	6.3			--	4.2	97
	LSD (0.1)	3.8			1.2	2.8	73

*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.