

2020 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	68.8	117.2	27-Sep-20	1.5	37.5	303
ASGROW	AG41x8	55.4	94.3	29-Sep-20	1.8	44.0	199
ASGROW	AG48x9	78.5	133.8	06-Oct-20	2.3	41.0	65
CHECK	20MG3.1	54.4	92.8	27-Sep-20	2.0	42.0	263
CHECK	20MG3.9	64.9	110.6	01-Oct-20	1.3	37.5	48
CHECK	20MG4.8	56.5	96.3	07-Oct-20	1.8	35.0	196
DONMARIO	DM 44X11	54.1	92.2	03-Oct-20	2.0	46.5	1469
DONMARIO	DM 49X13	50.7	86.4	05-Oct-20	2.5	41.5	358
KANSAS AES	KS4117Ns	58.0	98.8	26-Sep-20	1.3	32.5	241
KANSAS AES	KS4120NSGT	60.1	102.3	26-Sep-20	1.5	31.5	251
KANSAS AES	KS4520NS	62.8	106.9	28-Sep-20	2.3	36.0	339
MIDLAND	3711XS	66.9	114.1	27-Sep-20	1.3	45.5	359
MIDLAND	3930NXS	64.8	110.5	29-Sep-20	1.3	40.5	167
MIDLAND	3999E3	75.9	129.3	28-Sep-20	1.3	34.5	137
MIDLAND	4140NXS	71.7	122.2	03-Oct-20	2.3	41.0	846
MIDLAND	4251X	70.7	120.4	04-Oct-20	1.5	41.5	93
MIDLAND	4260E3S	63.6	108.4	02-Oct-20	1.8	37.0	52
STRATTON	AGS GS42X19S	45.1	76.9	26-Sep-20	2.0	38.5	1092
STRATTON	AGS GS49X21	68.9	117.4	07-Oct-20	2.3	49.0	137
STRATTON	AGS GS52X19S	34.4	58.6	02-Oct-20	1.8	38.5	1405
STRATTON	Go Soy 38E21S	57.9	98.6	29-Sep-20	1.3	31.0	832
STRATTON	Go Soy 43C17S	55.5	94.6	27-Sep-20	1.0	34.0	199
STRATTON	Go Soy 463E20S	51.1	87.0	02-Oct-20	2.0	42.5	404
STRATTON	Go Soy 471E19S	35.8	61.1	03-Oct-20	2.5	46.0	1425
STRATTON	Go Soy 48C17S	44.6	76.1	06-Oct-20	2.3	40.0	998
STRATTON	Go Soy 491E19S	44.5	75.8	09-Oct-20	1.8	48.5	1671
STRATTON	Go Soy 49G16	74.2	126.4	05-Oct-20	4.0	44.0	226
STRATTON	Go Soy 51E21	58.8	100.2	05-Oct-20	2.8	41.5	118
STRATTON	Go Soy 5214GTS	67.5	115.0	11-Oct-20	4.8	51.0	27
STRATTON	Go Soy GT Ireane	45.6	77.8	07-Oct-20	1.0	34.5	684
VIRTUE SEEDS	V 3720S	57.4	97.8	24-Sep-20	1.8	34.5	1281
VIRTUE SEEDS	V 4520S	61.5	104.8	01-Oct-20	1.3	38.5	364
VIRTUE SEEDS	V 4921S	47.9	81.6	01-Oct-20	1.8	40.0	538
	Average	58.7	0.0	02-Oct-20	1.9	39.9	495
	CV (%)	9.5	0.0		27.0	5.8	79
	LSD (0.1)*	7.8	0.0		0.6	3.9	456

*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.