

2017 Rossville, Kansas Irrigated Soybean Performance Test, Shawnee County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MAT (date)	LDG (score)	HT (in)	*AUDPC (SDS rating)
ASGROW	AG3432	66.3	94.2	21-Sep-17	5.0	48.5	165
ASGROW	AG4232	60.8	86.3	03-Oct-17	3.3	47.0	261
CHECK	MG3.5	67.6	96.0	19-Sep-17	4.8	46.0	7
CHECK	MG3.9	71.8	102.0	25-Sep-17	2.5	42.5	74
CHECK	MG4.2	73.1	103.9	03-Oct-17	2.0	46.5	90
CHECK	MG4.5	76.1	108.0	05-Oct-17	1.8	46.5	114
CHECK	MG4.5	79.2	112.4	03-Oct-17	1.3	44.5	39
CREDENZ	CZ 3548 LL	71.9	102.1	20-Sep-17	4.8	40.5	9
CREDENZ	CZ 3601 LL	81.5	115.8	21-Sep-17	2.0	41.0	8
CREDENZ	CZ 3738 LL	76.2	108.3	27-Sep-17	1.8	42.5	4
CREDENZ	CZ 3841 LL	82.8	117.6	24-Sep-17	2.8	46.0	9
CREDENZ	CZ 4105 LL	72.2	102.5	29-Sep-17	1.3	43.0	82
CREDENZ	CZ 4222 LL	75.3	107.0	25-Sep-17	2.3	41.0	46
CREDENZ	CZ 4308 LL	71.9	102.1	02-Oct-17	2.8	45.5	8
CREDENZ	CZ 4548 LL	63.7	90.5	01-Oct-17	3.8	48.5	83
KANSAS AES	K12-2333	60.4	85.8	23-Sep-17	3.5	46.5	10
KANSAS AES	K4313NRRT	61.3	87.1	23-Sep-17	4.8	45.5	149
KANSAS AES	KS4117Ns	68.9	97.9	27-Sep-17	2.3	39.0	69
MIDLAND	3537NX	74.3	105.6	21-Sep-17	1.8	42.5	141
MIDLAND	3657NR2	64.7	91.9	25-Sep-17	2.3	42.0	67
MIDLAND	3926NRS2	71.9	102.1	27-Sep-17	2.3	46.0	297
MIDLAND	3938NX	79.5	112.9	01-Oct-17	2.0	46.5	14
MIDLAND	3983NR2	69.7	99.0	28-Sep-17	3.3	48.0	167
MIDLAND	4328NX	65.8	93.5	29-Sep-17	3.3	47.0	176
MISSOURI	S14-9051R	75.5	107.2	07-Oct-17	3.5	46.5	193
MORSOY	3907RXT	77.7	110.3	27-Sep-17	2.0	44.5	11
MORSOY	4117 RXT	71.7	101.8	28-Sep-17	2.8	43.5	28
MORSOY	4327 RXT	59.1	84.0	04-Oct-17	2.3	49.5	135
MORSOY	4426 RXT	72.7	103.2	05-Oct-17	2.5	45.5	90
MORSOY	4535 RXT	54.3	77.2	03-Oct-17	3.5	51.0	336
SYNGENTA	NK S39-T3	70.2	99.6	01-Oct-17	2.3	44.0	164
WILLCROSS	WXE3377N	74.2	105.5	24-Sep-17	1.8	44.5	13
WILLCROSS	WXE3386N	73.7	104.7	24-Sep-17	3.3	45.5	17
WILLCROSS	WXE3437N	63.6	90.3	02-Oct-17	2.0	49.5	131
WILLCROSS	WXE3446NS	65.8	93.5	05-Oct-17	2.8	50.0	210
	Average	70.4	100.0	28-Sep-17	2.8	45.4	95
	CV (%)	8.9			--	3.3	94
	LSD (0.1)	7.4			0.8	2.5	105

* 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.