

2016 Topeka, Kansas Irrigated Soybean Performance Test, Shawnee County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MAT (date)	PHT (in)	LDG (score)	SDS* (%)	AUDC**
ASGROW	4232	59.2	104.2	24-Sep-16	44.4	2.0	70	727
ASGROW	AG3432	62.9	110.6	20-Sep-16	43.9	2.5	26	195
CHECK	MG3.5	60.4	106.3	19-Sep-16	46.4	2.8	12	68
CHECK	MG3.9	59.0	103.7	23-Sep-16	36.9	1.5	39	286
CHECK	MG4.2	56.8	99.9	24-Sep-16	46.9	1.8	48	418
CHECK	MG4.5	62.7	110.2	30-Sep-16	34.9	1.0	27	207
GOLDEN HARVEST	S39-T3	59.9	105.4	24-Sep-16	39.9	1.3	37	438
KANSAS AES	KS3406RR	56.0	98.5	21-Sep-16	40.4	2.0	48	387
MIDLAND	3537NX	54.8	96.5	23-Sep-16	37.9	1.0	38	276
MIDLAND	3657NR2	61.1	107.6	19-Sep-16	41.4	3.0	43	312
MIDLAND	3887NX	62.2	109.4	30-Sep-16	42.9	2.3	37	283
MIDLAND	3926NRS2	67.3	118.5	21-Sep-16	40.9	1.0	34	380
MIDLAND	3983NR2	61.4	108.0	28-Sep-16	47.9	2.3	56	580
MIDLAND	4247NXS	51.1	89.9	23-Sep-16	43.9	1.8	61	564
MIDLAND	4677NXS	57.5	101.2	25-Sep-16	44.9	2.5	37	465
MORSOY	3932 RXT	51.7	90.9	22-Sep-16	41.9	2.0	24	209
MORSOY	40X46	56.9	100.2	24-Sep-16	44.4	2.3	49	393
MORSOY	41X04	51.6	90.8	23-Sep-16	43.9	2.0	59	736
MORSOY	4206 RXT	55.5	97.6	25-Sep-16	48.9	2.0	77	664
MORSOY	4272 RXT	58.8	103.4	28-Sep-16	49.0	2.8	61	434
MORSOY	4426 RXT	60.9	107.1	29-Sep-16	48.4	2.5	44	345
MORSOY	4486 RXT	61.1	107.5	30-Sep-16	46.9	2.5	24	147
MORSOY	4535 RXT	52.7	92.8	27-Sep-16	44.4	2.5	74	660
PHILLIPS	375 NR2YS	53.6	94.4	24-Sep-16	38.9	1.8	43	436
PHILLIPS	387 NR2X	57.2	100.6	20-Sep-16	45.4	2.0	36	367
PHILLIPS	392 NR2YS	50.7	89.2	24-Sep-16	42.4	1.8	58	482
PHILLIPS	411 NR2Y	64.7	113.9	25-Sep-16	47.9	2.3	16	126
PHILLIPS	427 NR2XS	45.8	80.5	26-Sep-16	44.4	1.5	50	272
PHILLIPS	433 NR2YS	48.4	85.1	24-Sep-16	36.9	1.0	81	982
PHILLIPS	447 NR2XS	62.3	109.6	01-Oct-16	45.9	2.5	39	327
PHILLIPS	454 R2YSE	50.4	88.7	25-Sep-16	41.4	1.5	54	477
PHILLIPS	456 NR2XS	46.0	81.0	25-Sep-16	47.9	3.3	87	1038
PHILLIPS	469 NR2YS	57.9	101.8	29-Sep-16	49.9	2.5	50	448
WILLCROSS	WXE 3386N	63.2	111.2	24-Sep-16	43.4	1.5	26	205
WILLCROSS	WXE 3396N	61.1	107.6	04-Oct-16	45.9	1.8	15	82
WILLCROSS	WXE 3456NS	59.7	105.0	01-Oct-16	45.4	2.8	38	375
WILLCROSS	WXE 3466NS	56.4	99.2	02-Oct-16	54.4	2.3	30	256
WILLCROSS	WXX 3426NS	50.6	89.0	30-Sep-16	49.4	2.0	74	682
WILLCROSS	WXX 3446NS	57.2	100.6	02-Oct-16	46.4	2.5	52	552
	Average	56.8	100.0	25-Sep-16	44.2	2.0	45	414
	CV (%)	13.5			8.2	37.9	--	--
	LSD (0.1)	9.0			5.0	0.9	--	--

*SDS= Sudden Death Syndrome

**AUDC= sum total of disease pressure based on observations throughout the growing season; larger number= greater disease pressure