

2025 Topeka, Kansas Irrigated Soybean Performance Test, Shawnee County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MAT (date)	HT (in)	AUDC** (SDS rating)
CONFLUENCE	BH31Q146	64.43	92.3	28-Sep-25	38.5	412
CONFLUENCE	BH35A233	76.48	109.6	02-Oct-25	41	162
CONFLUENCE	BH36U203	64.72	92.7	29-Sep-25	45	733
CONFLUENCE	BH37Q218	67.57	96.8	02-Oct-25	47.5	160
CONFLUENCE	BH38F550	63	90.3	30-Sep-25	42.5	171
CONFLUENCE	BH39A150	71.26	102.1	01-Oct-25	43.5	399
CONFLUENCE	BH39A232	71.98	103.1	02-Oct-25	41	300
CONFLUENCE	BX32Q405	68.1	97.6	08-Oct-25	40.5	121
CONFLUENCE	H45Q208	68.31	97.9	02-Oct-25	46.5	222
CONFLUENCE	N35D9505	61.63	88.3	30-Sep-25	41.5	426
CONFLUENCE	N44D9235	63.43	90.9	03-Oct-25	48.15	558
DONMARIO	DM40F45	76.96	110.3	08-Oct-25	41.5	245
DONMARIO	DM46F54S	66.12	94.7	05-Oct-25	50.5	1349
DONMARIO	DM47F44S	64.14	91.9	09-Oct-25	47.48	1279
DONMARIO	DM48F53	72.33	103.6	06-Oct-25	44.5	312
PIONEER	RM3.2	79.87	114.4	30-Sep-25	43	142
PIONEER	RM4.2	75.37	108	04-Oct-25	51	237
	Grand Mean	69.8	100	03-Oct-25	45.29	412
	LSD	4.48	--	--	3.31	237
	C.V.	5.43	--	--	4.21	49
	Heritability	0.62	--	--	0.79	1

*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.

Kansas River Valley Experiment Field, Topeka

12-May planted at 140 K seeds/acre

12-May Applied Authority Supreme (6.5 oz) + Dual II (1.5 pt) + RR (32 oz) + Surmize (24 oz) + Fusilade (6 oz) + Plexus II (12 oz) + Enact (1 qt/100 gal)

6-Jun Applied Anthem Max (3.25 oz) +Pursuit (4 oz)+Outlook (12 oz)

13-Oct Harvested

Irrigation

date inches/acre

18-Jun 0.85

11-Jul 0.85

8-Aug 0.85

25-Aug 0.85

Eudora silt loam