

**Kansas River Valley Experiment Field, Topeka, Shawnee County: Eric Adee, agronomist**

	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Total</u>
Rainfall:	1.5	6.9	6.8	3.1	1.8	1.5	22.9
Irrigation:				1.3	2.8	1.4	5.52

Planted 5/11/2022 at 140,000 seeds/ft; harvested 10/13/2022; 10 ft. by 4-row plot. Pesticides: 4 oz/a Authority, 1.5 pt/a Dual II Magnum; 3.25 oz/a Anthem Maxx, 0.3 oz/a First Rate, 4 oz/a Pursuit, 2.5 pt/a Warrant + Array.

**Table 3. Topeka, Shawnee County Irrigated Soybean Performance Test, 2020-2022**

BRAND	NAME	ACRE YIELD, BUSHELS					YIELD AS % OF TEST AVERAGE			2022		
		2022	2021	2020	2-Yr. AVG.	3-Yr. AVG.	2022	2021	2020	Mat	Lodge score	Ht (in)
BECKS	3633XF	<b>73.3</b>	--	--	--	--	116	--	--	9/26	1.0	37
BECKS	4113XF	<b>67.2</b>	--	--	--	--	107	--	--	10/1	1.5	35
BECKS	4553XF	48.7	--	--	--	--	77	--	--	10/3	2.5	37
CHECK	MG3.1	58.7	77.1	54.4	67.9	63.4	93	100	93	9/25	3.0	40
CHECK	MG3.9	55.4	76.7	64.9	66.1	65.7	88	99	111	10/5	1.0	36
KANSAS AES	KS4117NS	58.3	--	58.0	--	--	93	--	100	9/27	1.5	31
KANSAS AES	KS4120NSC	59.6	76.8	60.1	68.2	65.5	95	99	102	9/26	2.0	31
KANSAS AES	KS4520NS	<b>66.3</b>	<b>83.3</b>	62.8	74.8	70.8	105	108	107	10/2	2.3	34
STINE	36EB32	<b>66.3</b>	--	--	--	--	105	--	--	9/23	1.5	36
STINE	39EC22	<b>70.0</b>	--	--	--	--	111	--	--	9/30	2.0	32
STINE	41EB32	<b>69.7</b>	--	--	--	--	111	--	--	10/2	1.3	32
WILLCROSS	WXE8038NS	60.9	74.2	--	67.6	--	97	96	--	9/22	2.0	38
WILLCROSS	WXE8043NS	64.6	<b>87.2</b>	--	75.9	--	102	113	--	10/2	2.0	37
WILLCROSS	WXE8146NS	55.6	63.7	--	59.7	--	88	83	--	10/2	2.8	38
WILLCROSS	WXE8236N	<b>67.1</b>	--	--	--	--	107	--	--	9/26	2.0	34
	AVERAGES	63.0	77.2	58.7								
	CV (%)	10.1	6.7	9.5								
	LSD (0.10)	7.5	7.2	7.8								

Values in bold are in the upper LSD group.