

East Central Kansas Experiment Field, Ottawa, Franklin County; Eric Adee, agronomist; Darren Hibdon, research tech.

Replant was necessary due to extremely wet conditions.
 Growing season conditions were hot and dry with several extreme heat periods experienced.

April May June July Aug. Sept. Total
 Rainfall: 1.6 7.2 3.8 5.4 1.8 1.3 21.9

Planted 5/12/2022, replanted 6/13/2022 at 140,000 seeds/ft; harvested 10/20/2022; 26 ft. by 4-row plot. Pesticides: 2.5 oz/a Zidua; 9.4 oz/a Authority XL; 1.5 pt/a Cinch; 2 oz/a Aim; 9 oz/a Select Max.

Table 4. Ottawa, Franklin County Dryland Soybean Performance Test, Maturity Groups III-IV, 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	47.1	--	--	--	--	101	--	--	10/2	1.0	27
BECKS	4113XF	43.2	--	--	--	--	92	--	--	10/6	1.0	29
BECKS	4553XF	49.7	--	--	--	--	106	--	--	10/10	1.0	33
CHECK	MG3.1	49.0	59.1	57.3	54.1	55.1	105	98	119	10/3	1.0	34
CHECK	MG3.9	48.1	59.5	51.3	53.8	53.0	103	99	107	10/10	1.0	33
KANSAS AES	K17-6185	43.7	--	--	--	--	93	--	--	10/5	1.0	24
KANSAS AES	K17-6326	43.8	--	--	--	--	94	--	--	10/2	1.0	28
KANSAS AES	K17-6388	49.8	--	--	--	--	106	--	--	10/4	1.0	30
KANSAS AES	K17-6484	46.0	--	--	--	--	98	--	--	10/5	1.0	28
KANSAS AES	KS4117NS	44.9	--	47.3	--	--	96	--	99	10/6	1.0	27
KANSAS AES	KS4120NSC	44.3	54.1	50.7	49.2	49.7	95	90	106	10/6	1.0	24
KANSAS AES	KS4520NS	44.0	57.3	44.4	50.7	48.6	94	95	93	10/6	1.0	30
LAKEVIEW FARMS	LVF3648	51.4	--	--	--	--	110	--	--	10/2	1.0	33
LAKEVIEW FARMS	LVF3731	41.8	--	--	--	--	89	--	--	10/1	1.0	28
LAKEVIEW FARMS	LVF3831	39.2	--	--	--	--	84	--	--	9/28	1.0	25
LAKEVIEW FARMS	LVF4331	42.9	--	--	--	--	92	--	--	10/2	1.0	24
WILLCROSS	WXE8043NS	53.8	--	--	--	--	115	--	--	10/8	1.0	31
WILLCROSS	WXE8049N	54.3	--	--	--	--	116	--	--	10/14	1.0	30
WILLCROSS	WXE8146NS	47.6	65.2	--	56.4	--	102	108	--	10/8	1.0	35
WILLCROSS	WXE8248NS	50.8	--	--	--	--	109	--	--	10/12	1.0	29
	AVERAGES	46.8	60.2	48.0								
	CV (%)	11.1	5.9	6.8								
	LSD (0.10)	6.1	4.2	4.6								

Values in bold are in the upper LSD group.