

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 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 5. Ottawa, Franklin County Dryland Soybean Performance Test, Maturity Groups IV-V, 2020-2022

BRAND	NAME	ACRE YIELD, BUSHEL					YIELD AS % OF TEST AVERAGE			2022		
		2022	2021	2020	2-Yr. AVG.	3-Yr. AVG.	2022	2021	2020	Mat	Lodge score	Ht (in)
BECKS	4553XF	50.2	--	--	--	--	99	--	--	10/11	1.0	33
BECKS	4887XF	51.6	--	--	--	--	101	--	--	10/11	1.0	34
CHECK	MG4.8	56.8	63.2	54.6	60.0	58.2	112	102	112	10/13	1.0	30
KANSAS AES	KS4822NS	50.7	58.3	50.1	54.5	53.0	100	94	103	10/14	1.0	34
KANSAS AES	KS4919N	48.5	57.6	46.3	53.1	50.8	95	93	93	10/16	1.0	37
KANSAS AES	KS5120NS	54.2	59.0	53.1	56.6	55.4	107	95	109	10/17	1.0	34
	AVERAGES	50.8	62.0	48.6								
	CV (%)	7.7	5.6	7.0								
	LSD (0.10)	4.8	4.2	4.1								

Values in bold are in the upper LSD group.