

2024 Topeka, Kansas Irrigated Corn Performance Trial, Shawnee County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)	PLANTS per acre	1/2 silk (day)
DEKALB	DKC115-33	257.5	97.2	15.7	62.8	27500	6/27/2024
DEKALB	DKC111-33	268.7	101.4	16.4	59.9	16500	6/26/2024
LEWIS	14DT603	293.9	110.9	17.0	62.3	29250	6/25/2024
LEWIS	13DT644	269.9	101.9	16.0	61.1	29750	6/26/2024
LEWIS	15DT664	286.1	108.0	17.7	61.4	30000	6/26/2024
LEWIS	17DP651	229.3	86.6	18.4	60.0	21750	6/28/2024
MATURITY CHECK	SHORT	227.9	86.0	14.5	62.4	27250	6/26/2024
MATURITY CHECK	MID	276.7	104.4	14.9	61.7	28000	6/26/2024
MATURITY CHECK	FULL	278.3	105.1	16.6	60.8	28250	6/27/2024
NK	NK1082-DV	275.7	104.1	15.9	59.2	29250	6/25/2024
NK	NK0922-V	262.7	99.2	16.8	59.8	26750	6/26/2024
NK	NK1188-AA	274.7	103.7	16.6	61.5	29500	6/27/2024
NK	NK1701-V	256.0	96.6	16.1	58.6	30500	6/27/2024
NK	NK1755-DV	257.2	97.1	16.9	61.0	25250	6/26/2024
NK	NK0367-AA	248.8	93.9	15.4	60.9	27500	6/26/2024
	AVERAGE	264.9	100.0	16.2	61.1	27362.5	6/27/2024
	CV (%)	12.1	12.1	0.8	0.4	--	--
	LSD (0.05)	16.0	6.0	0.9	1.1	--	--

*Yields must differ by more than the LSD value to be considered statistically different.

Location: KRV-Topeka

11/3/2023 Applied 23-60-60-15 (elemental S)-1(Zn)
 11/13/2023 Bluejet subsoiled
 5-Mar Applied 140 lb N as NH3
 1-Apr Field cultivated
 23-Apr Planted trial at 27K sd/ac, 1.75" deep
 23-Apr Applied Bicep II Mag (2 qt) + Callisto (3 oz)
 17-May Applied Aatrex 90 (1 lb) + Armezon (1 oz) + Outlook (12 oz) + HCOC
 1-Jun Applied Brox 2EC (16 oz) + Callisto (3 oz) + Aatrazine 4L (8 oz) + HCOC with drops
 12-Sep harvested

irrigation

date	inches
11-Jun	0.55
13-Jun	0.57
18-Jun	0.56
24-Jun	0.71
8-Jul	0.69
11-Jul	0.63
15-Jul	0.66
23-Jul	0.64
6-Aug	0.74
total	5.76