

2023 Rossville, Kansas Irrigated Corn Performance Test, Shawnee County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)	PLANTS per acre	DAYS (silk)	LODGE (%)
LEWIS	11DT912	227.5	95.1	13.6	59.2	28750	6/30/2023	25
LEWIS	13DT644	236.4	98.8	15.5	60.5	27750	6/30/2023	30
LEWIS	14DT603	258.9	108.2	17.5	60.9	28750	6/29/2023	45
LEWIS	15DT664	254.4	106.4	16.2	60.7	27500	6/30/2023	25
LEWIS	17DP651	240.7	100.6	16.1	60.0	28250	7/4/2023	55
MATURITY CHECK	FULL	255.6	106.9	19.0	58.4	30250	7/2/2023	55
MATURITY CHECK	MID	252.2	105.5	14.0	61.7	25500	7/3/2023	25
MATURITY CHECK	SHORT	230.4	96.4	13.9	60.7	28750	6/29/2023	35
NK	NK0367-AA	221.5	92.6	12.4	60.8	27750	6/29/2023	35
NK	NK0922-V	239.8	100.3	14.6	60.0	27000	6/30/2023	60
NK	NK1082-DV	238.2	99.6	16.1	58.1	28250	7/1/2023	50
NK	NK1188-AA	225.0	94.1	15.0	60.5	29000	7/1/2023	30
NK	NK1701-V	225.7	94.4	16.4	58.6	28250	6/29/2023	30
NK	NK1755-DV	236.6	98.9	19.5	56.7	29250	7/2/2023	35
PHILLIPS	PS0943 V32	238.1	99.6	14.0	60.3	26500	6/30/2023	40
PHILLIPS	PS1063 VPR	226.0	94.5	16.1	60.1	28500	6/29/2023	55
PHILLIPS	PS1366 VPR	220.4	92.2	15.6	60.8	28500	6/30/2023	30
PHILLIPS	PS1372 TRE	242.1	101.2	14.5	60.9	28250	6/28/2023	45
	Average	239.2	100.0	15.5	60.1	27909	6/30/2023	39
	CV (%)	12.9	12.9	1.1	0.7	--	--	--
	LSD (0.05)	12.0	5.0	1.6	1.2	--	--	--

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

Location: KRV-Rossville

Soil type: Eudora silt loam

Applied dry fertilizer (11-104-104-26(Su)-1.74(Zn))

10/28/2022

Subsoiled with Blue Jet

11/2/2022

Applied 150 lb N as NH3

4/3/2023

Vertical tilled

11-Apr

Planted at 30 K seeds/acre

24-Apr

Applied Callisto Xtra (1.5 qt) + Aatrex 90 (0.3 lb)

24-Apr

Applied Aatrex 90 (1 lb) + Armezon (1 oz) + Outlook (12 oz) + HSOC

18-May

Harvested

15-Sep

date	irrigation inches/ac
13-Jun	0.51
15-Jun	0.56
23-Jun	0.65
27-Jun	0.75
30-Jun	0.78
13-Jul	0.76
24-Jul	0.72
29-Jul	0.73
21-Aug	0.62