

2024 Scandia, Kansas Irrigated Corn Performance Trial, Republic County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)	LDG/Damage** (%)
LEWIS	13DT644	217.2	94.5	17.7	59.0	27.5
LEWIS	14DT603	252.5	109.9	18.4	58.8	16.7
LEWIS	15DT664	237.6	103.4	19.2	58.8	46.7
LEWIS	17DP651	226.5	98.6	20.0	59.1	60.0
PIONEER CHECK	FULL	268.7	116.9	19.4	59.7	5.0
PIONEER CHECK	MID	231.6	100.8	19.2	59.0	56.7
PIONEER CHECK	SHORT	204.5	89.0	19.1	59.9	13.3
NK	NK0367-AA	239.5	104.2	18.7	58.6	8.3
NK	NK0922-V	190.3	82.8	18.6	59.1	40.0
NK	NK1082-DV	243.4	105.9	19.0	59.3	20.0
NK	NK1188-AA	262.0	114.0	21.6	59.6	75.0
NK	NK1701-V	232.2	101.0	20.4	59.5	15.0
NK	NK1755-DV	240.3	104.6	19.4	58.7	43.3
PHILLIPS	PS1025 V32	222.5	96.9	20.9	58.6	63.3
PHILLIPS	PS1063 VPR	226.0	98.4	18.5	58.5	8.3
PHILLIPS	PS1179 A31	194.0	84.4	18.9	58.9	56.7
PHILLIPS	PS1372 TRE	217.5	94.6	18.5	59.6	23.3
	AVERAGE	229.8	100.0	19.3	59.1	34.1
	CV	12.1	12.1	1.0	1.0	--
	LSD*	12.5	5.5	0.9	0.4	--

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

**estimate of lodging and animal damage

North Central Kansas Experiment Field, Irrigation Unit, Scandia

1-May	Fertilize	NH3	160# N/A
10-May	Spray	1 qt/a Mad Dog 5.4, 16 oz/a Salvo, 12 oz/a Rifle, 1 pt/a MSO, 2 qt/100 Choice Trio, 1 qt/a Liberate	
23-May	Plant	32,300 w/ 10 gal/a 10-34-0	
1-Jun	Spray	3 qt/a Acuron, 1 qt/a Mad Dog 5.4, 1 qt/100 Choice Trio	
26-Jun	Spray	5 oz/a Status, 1 qt/a Mad Dog 5.4, 0.75 oz/a Armezon, 2 lb/a AMS, 12 oz/a MSO, 2 qt/100 Choice Trio	
12-Nov	Harvest		

Observed precipitation 17.68 inches

Normal precipitation 24.83 inches

Difference -7.15 inches

Irrigation

1-Jul	1.25"
11-Jul	1.25"
18-Jul	1.25"
25-Jul	1.25"
31-Jul	1.25"
7-Aug	1.25"
20-Aug	1.25"
28-Aug	1.25"
10-Sep	1.25"
Total	11.25"