

2023 Scandia, Kansas Irrigated Corn Performance Test, Republic County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)
NK	NK1188-AA	235.2	122.0	14.4	60.5
NK	NK1701-V	224.5	116.5	14.3	58.5
MATURITY CHECK	MID	221.1	114.7	13.6	61.2
NK	NK1755-DV	184.9	95.9	16.1	59.2
MATURITY CHECK	SHORT	183.8	95.4	13.5	59.5
NK	NK1082-DV	165.2	85.7	14.1	59.3
NK	NK0922-V	160.9	83.5	13.3	59.5
PHILLIPS	PS0943 V32	153.6	79.7	13.1	59.9
MATURITY CHECK	FULL	150.7	78.2	17.1	59.7
NK	NK0367-AA	137.2	71.2	13.1	58.7
	Average	192.7	100.0	14.1	60.2
	CV (%)	11.0	11.0	0.4	0.4
	LSD (0.05)	34.0	17.7	1.1	1.1

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

Date	Operation	Product	Rate	Notes
7-Apr	Fertilize	NH3	160# N/A	
23-May	Plant	Corn	32,300	w/ 10 gal/a 10-34-0
24-May	Spray			3 qt/a Acuron, 1.5 qt/a Makaze, 1 qt/100 Liberate, 1 qt/100 Choice Trio
18-Jun	Spray			5 oz/a Status, 43 oz/a Forfeit, 1 oz/a Armezon, ~.6 lb/a AMS, 12 oz/a MSO
27-Jun	Irrigate	Linear	1.25"	
14-Jul	Irrigate	Linear	1.25"	
19-Jul	Irrigate	Linear	1.25"	
28-Jul	Irrigate	Linear	1.25"	
1-Aug	Irrigate	Linear	1.25"	
15-Aug	Irrigate	Linear	1.25"	
25-Aug	Irrigate	Linear	1.25"	
5-Sep	Irrigate	Linear	1.25"	
15-Sep	Irrigate	Linear	1.25"	
13-Nov	Harvest	Corn VPT IRR		

Previous crop: Soybeans

**Sprayed with Liberty which killed several plots, those plots removed from dataset