

2023 Abilene, Kansas Irrigated Corn Performance Test, Dickinson County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	MOIST (%)	TW (lb/bu)
LEWIS	11DT912	<b>265.3</b>	109.6	19.7	56.2
LEWIS	13DT644	259.5	107.2	21.1	57.7
LEWIS	14DT603	<b>270.8</b>	111.8	21.9	58.2
LEWIS	15DT664	<b>280.1</b>	115.7	21.5	58.3
LEWIS	17DP651	<b>262.6</b>	108.4	22.5	58.3
MATURITY CHECK	FULL	<b>262.7</b>	108.5	21.3	56.7
MATURITY CHECK	MID	239.9	99.1	19.7	59.1
MATURITY CHECK	SHORT	215.1	88.8	19.0	56.7
NK	NK0367-AA	232.8	96.2	18.5	58.8
NK	NK0922-V	215.4	89.0	20.0	57.0
NK	NK1082-DV	211.3	87.3	20.5	56.3
NK	NK1188-AA	223.3	92.2	18.3	58.2
NK	NK1701-V	215.5	89.0	22.7	55.3
NK	NK1755-DV	244.4	101.0	23.0	55.5
PHILLIPS	PS0943 V32	220.4	91.0	18.2	58.2
PHILLIPS	PS1063 VPR	226.3	93.5	20.3	57.5
PHILLIPS	PS1366 VPR	230.9	95.4	19.2	57.5
PHILLIPS	PS1372 TRE	256.8	106.1	20.7	57.8
PIONEER	P1170AM	<b>265.3</b>	109.6	19.5	58.6
PIONEER	P1359AM	243.3	100.5	20.3	58.2
	Average	242.1	100.0	20.4	57.5
	CV (%)	9.5	9.5	1.4	0.9
	LSD (0.05)	19.5	8.1	1.3	1.1

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

Date Planted: 5/1/2023  
 Tillage Type: Conventional  
 Previous Crop: Wheat/Fallow  
 Plot Layout: Serpentine  
 Ave Seed Pop- 30ft 33258  
 Irrigation Type Pivot  
 GPS 38.68289327  
 -97.58464375  
 Date Harvested: 9/22/2023

Soil Analysis

OM(%) 2.7  
 P<sub>1</sub> (Weak Bray) ppm 3  
 P<sub>2</sub> (Strong Bray) ppm 82  
 K (ppm) 336  
 Mg (ppm) 261  
 Ca (ppm) 3969  
 pH 7.9  
 Buffer Index  
 CEC (meq/100g) 22.9  
 Soil Texture Silt clay loam