

2022 Colby, Kansas Dryland Winter Wheat Performance Test, Thomas County

This is data from replicated plots.

This means each variety is in the plot multiple times and the yield reflects the average.

BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
PLAINSGOLD	CANVAS	68.5	128.7	52.4	10.2
PLAINSGOLD	WHISTLER	67.4	126.7	53.9	10.0
PLAINSGOLD	CRESCENT AX	63.0	118.4	55.7	10.2
WESTBRED	WB4422	62.7	117.9	53.4	10.1
PLAINSGOLD	GUARDIAN	60.6	113.9	56.7	10.2
POLANSKY	HIGH COUNTRY	60.2	113.1	54.4	10.3
AGRIPRO	AP18 AX	60.1	113.0	54.0	10.2
KWA	KS DALLAS	60.0	112.7	49.5	10.6
KWA	KS HAMILTON	58.4	109.8	53.9	10.5
MERIDIAN	MS MAVERICK	58.4	109.8	53.2	10.0
LIMAGRAIN	LCS HELIX AX	57.0	107.2	57.4	10.1
KWA	TATANKA	56.5	106.2	52.9	10.2
WESTBRED	WB4595	56.3	105.9	52.8	9.8
WESTBRED	WB4792	55.5	104.4	50.8	10.4
KWA	KS TERRITORY	54.8	103.0	55.3	9.8
LIMAGRAIN	LCS STEEL AX	54.7	102.8	54.2	10.1
POLANSKY	ROCK STAR	54.6	102.7	54.8	9.9
LIMAGRAIN	LCS ATOMIC AX	54.2	101.9	54.5	10.6
LIMAGRAIN	LCS RUNNER	54.0	101.5	55.7	10.4
AGRIPRO	AP ROADRUNNER	53.5	100.5	52.1	10.2
AGRIPRO	SY WOLVERINE	53.0	99.7	52.4	10.5
LIMAGRAIN	LCS JULEP	52.3	98.3	54.9	10.0
LIMAGRAIN	T158	51.3	96.5	54.1	10.3
AGRIPRO	AP BIGFOOT	51.2	96.3	55.8	10.2
AGSECO	AG GOLDEN	47.9	90.1	52.4	10.0
KWA	KS PROVIDENCE	47.8	89.8	53.2	10.1
AGSECO	TAM 114	47.3	88.8	56.9	10.0
KWA	OAKLEY CL	46.7	87.8	53.8	9.8
LIMAGRAIN	LCS CHROME	45.1	84.7	54.7	9.8
KWA	KS WESTERN STAR	43.8	82.3	55.4	10.2
LIMAGRAIN	LCS REVERE	43.5	81.7	55.0	9.8
AGRIMAXX	CARTWRIGHT	41.6	78.3	54.6	9.5
LIMAGRAIN	LCS VALIANT	34.4	64.7	53.8	9.7
WESTBRED	WB4401	32.4	60.9	50.0	9.9
	AVERAGE	53.2	100.0	54.0	10.1
	CV (%)	6.7	6.7	1.4	0.4
	LSD (0.05)	6.9	12.8	0.8	0.2

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

Date Planted	10/5/2021	Soil Analysis	
Previous Crop	Summer Fallow/Corn	OM(%)	1.6
Primary Tillage	Min-till	Phosphorus (ppm)-P ₁	43
Irrigated	None	Phosphorus (ppm)-P ₂	122
Date Harvested	7/8/2022	K (ppm)	500
LATITUDE	39.34709578	Mg (ppm)	472
LONGITUDE	-101.2411109	Ca (ppm)	2963
		pH	8.1
		CEC (meq/100g)	20
		Soil Texture	Clay Loam