

2022 Colby, Kansas Irrigated 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 (%)
LIMAGRAIN	LCS ATOMIC AX	76.1	127.0	52.7	10.5
CROPLAN	CP7017AX	72.2	120.6	53.1	9.6
POLANSKY	HIGH COUNTRY	69.4	116.0	50.7	10.4
WESTBRED	WB4699	68.5	114.4	49.6	9.6
LIMAGRAIN	LCS HELIX AX	68.3	114.1	54.7	10.0
AGRIPRO	SY WOLVERINE	68.3	114.0	48.6	10.1
WESTBRED	WB4422	66.2	110.5	52.4	10.0
KWA	KS WESTERN STAR	66.1	110.4	52.3	10.5
WESTBRED	WB4595	64.8	108.2	52.8	10.0
CROPLAN	CP7909	62.1	103.7	51.5	10.2
OGI	SHOWDOWN	61.5	102.7	51.7	11.4
PLAINSGOLD	CANVAS	61.4	102.6	51.3	10.0
OGI	BREAKTHROUGH	60.9	101.7	51.7	11.0
LIMAGRAIN	LCS RUNNER	59.7	99.8	53.7	9.8
WATLEY	TAM 112	59.6	99.5	53.4	10.1
LIMAGRAIN	T158	59.1	98.7	53.0	9.9
AGRIPRO	AP PROLIFIC	58.8	98.3	51.4	10.1
WESTBRED	WB4303	58.3	97.4	48.7	10.8
AGRIPRO	AP ROADRUNNER	58.0	96.8	49.5	10.4
KWA	KS HAMILTON	57.6	96.2	49.7	10.4
KWA	KS PROVIDENCE	57.4	95.9	50.7	9.8
AGSECO	AG GOLDEN	57.3	95.8	49.3	10.1
LIMAGRAIN	LCS VALIANT	55.8	93.2	52.3	9.9
WATLEY	TAM 115	55.4	92.6	51.6	10.2
LIMAGRAIN	LCS STEEL AX	54.7	91.4	49.8	10.2
LIMAGRAIN	LCS JULEP	54.4	90.8	52.2	10.2
WATLEY	TAM 204	53.9	90.0	45.9	10.6
POLANSKY	ROCK STAR	52.6	87.8	48.6	10.2
CROPLAN	CP7266AX	52.3	87.4	52.0	10.2
OGI	LONERIDER	50.5	84.3	54.4	10.0
LIMAGRAIN	LCS CHROME	48.0	80.1	50.7	10.1
AGRIMAXX	CARTWRIGHT	46.8	78.1	49.5	10.7
	AVERAGE	59.9	100.0	51.2	10.2
	CV (%)	6.9	6.9	2.2	0.6
	LSD (0.05)	5.6	9.8	1.2	1.0

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

Date Planted	10/6/2021	Soil Analysis	
Previous Crop	Corn	OM(%)	2.3
Primary Tillage	No-till	Phosphorus (ppm)-P ₁	21
Irrigated	Pivot	Phosphorus (ppm)-P ₂	93
Date Harvested	7/8/2022	K (ppm)	716
LATITUDE	39.19197925	Mg (ppm)	538
LONGITUDE	-100.8288188	Ca (ppm)	2747
		pH	6.7
		CEC (meq/100g)	20.1
		Soil Texture	Silt Clay Loam