

2023-2024 Colby, Kansas Irrigated Winter Wheat Performance Test, Thomas County

BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	HT (in)	Stripe Rust rating**
AgriPro	AP PROLIFIC	78.0	92.6	54.6	13.7	33.4	7.2
AgriPro	AP Sunbird	88.1	104.7	54.8	12.8	32.6	6.8
AgriPro	Roadrunner	89.3	106.1	52.8	13.2	33.6	6.2
AgriPro	SY Wolverine	89.1	105.8	52.6	13.4	35.0	5.8
AGSECO	AG Golden	91.3	108.5	54.2	12.5	33.0	6.2
KWA	KS Big Bow	86.6	102.9	53.9	14.3	36.6	4.0
KWA	KS Bill Snyder	90.2	107.2	54.7	13.2	32.8	4.8
KWA	KS Mako	83.7	99.4	54.7	12.7	33.4	4.8
KWA	KS Providence	84.9	100.8	55.1	13.9	33.4	5.2
KWA	KS Territory	87.5	103.9	54.0	13.9	34.8	5.8
Limagrain	LCS Atomic AX	84.6	100.5	55.7	16.7	33.0	3.8
Limagrain	LCS Galloway AX	76.0	90.3	54.3	13.0	35.6	4.8
Limagrain	LCS Helix AX	88.7	105.4	55.7	19.0	33.2	6.6
Limagrain	LCS Julep	82.1	97.5	53.9	15.8	34.6	5.0
Limagrain	LCS Radar	75.1	89.2	53.9	14.7	33.0	7.0
Limagrain	LCS Steel AX	73.8	87.6	53.6	15.4	36.8	6.4
Limagrain	LCS White Lightning	75.9	90.2	52.9	12.8	34.2	5.4
OGL	Breakthrough	79.3	94.2	55.8	12.4	34.2	3.8
Plainsgold	Canvas	93.9	111.6	54.9	13.1	32.4	5.2
Plainsgold	CO18D297R	86.4	102.6	54.3	15.0	37.0	5.6
Polansky	Golden Hawk	98.4	116.8	53.5	12.4	34.4	5.6
Polansky	High Country	82.1	97.5	54.8	16.4	34.2	5.6
Polansky	Rockstar	81.7	97.0	53.5	13.8	34.6	5.8
Watley	TAM 115	90.9	108.0	55.8	14.6	34.0	6.0
Watley	TAM 204	87.8	104.3	55.5	13.3	32.4	6.6
WestBred	WB4422	69.0	82.0	53.9	13.8	34.8	5.4
WestBred	WB4523	92.4	109.7	54.4	13.2	29.8	4.4
WestBred	WB4699	70.4	83.6	52.2	12.5	30.6	4.6
	AVERAGE	84.2	100.0	54.3	14.0	33.8	5.5
	CV (%)	5.9	5.9	1.1	2.4	1.2	--
	LSD (0.05)*	7.2	8.5	1.0	1.5	1.6	--

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

**Stripe rust ratings provided by Erick DeWolf, Extension Plant Pathology. 1=resistant; 9=susceptible.

Stripe rust infection likely affected yields of susceptible varieties.

Location: KSU Northwest Agricultural Center, Colby

Planted: 10/19/2023

Previous crop: grain sorghum

Tillage: reduced

Fertility: 100-0-0 lbs/a N, P, K

Harvest: 7/18/2024

Observed precipitation: 10.69 inches

Normal precipitation: 14.92 inches

Difference: -4.23 inches