

Hugoton, Kansas Irrigated Winter Wheat Variety Trial, 2024-2025

Private farm, Hugoton, Stevens County, 37.28257986, -101.2843282

Planted 9/30/2024

Previous crop wheat

Primary tillage no-till

Irrigation pivot

Harvested 6/27/2025

Soil texture sandy loam

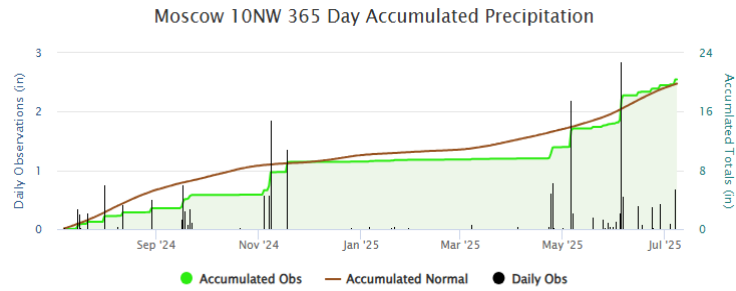
OM % 1.5

pH 7.3

Fertility 50-0-0-5 lbs/a N, P, K, S 02/06

Herbicide 2-4D and dicamba 02/06

6 oz/a Sword; 4 oz/a Banvel; 3 oz/a Tebuzol



The Hugoton irrigated trial relied heavily on irrigation for moisture until the end of the growing season. (Photo 6/12/25 P. Burt)



BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
AgriPro	AP Prolific	91.8	124.3	58.0	8.2
AgriPro	AP Roadrunner	54.4	73.6	52.3	8.6
AgriPro	AP Sunbird	61.7	83.5	55.5	8.2
AGSECO	AG Golden	71.7	97.1	53.5	8.5
KWA	KS Big Bow	73.5	99.5	55.3	8.4
KWA	KS Bill Snyder	77.0	104.2	58.7	8.2
KWA	KS Homesteader CL+	75.3	101.9	60.3	8.1
KWA	KS Mako	68.2	92.3	58.6	8.1
KWA	KS Providence	76.8	104.0	56.1	8.3
KWA	KS Territory	73.6	99.6	57.0	8.1
Limagrain	LCS Aries	71.4	96.6	57.0	8.6
Limagrain	LCS Atomic AX	73.8	99.9	56.9	8.3
Limagrain	LCS Helix AX	81.0	109.7	57.6	8.4
Limagrain	LCS Mojo	62.2	84.3	56.2	8.4
Limagrain	LCS Radar	87.4	118.3	55.8	8.3
Limagrain	LCS Steel AX	72.9	98.7	55.0	8.5
Limagrain	LCS Warbird AX	75.4	102.1	58.0	8.6
Limagrain	T-158	68.5	92.8	57.6	8.3
OGI	Breakthrough	61.9	83.8	58.5	8.3
PlainsGold	Canvas	64.1	86.8	53.3	8.6
PlainsGold	CO19DO87R	48.3	65.4	54.1	8.5
PlainsGold	Sheridan	89.7	121.5	58.8	8.4
Polansky	Golden Hawk	75.0	101.6	55.5	8.5
Polansky	High Country	55.1	74.6	56.1	8.2

BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
Polansky	Rockstar	85.5	115.8	56.2	8.4
Watley	TAM 112	56.4	76.3	58.3	8.1
Watley	TAM 115	77.3	104.7	59.7	8.2
Watley	TAM 204	90.6	122.6	52.5	8.8
WestBred	WB4347	63.1	85.4	56.7	8.1
WestBred	WB4422	84.9	114.9	57.4	8.1
WestBred	WB4445CLP	82.1	111.2	59.7	8.3
WestBred	WB4595	87.3	118.2	56.9	8.6
WestBred	WB4792	99.6	134.8	54.2	8.6
	Average	73.9	100.0	56.6	8.4
	CV (%)	9.7	9.7	1.2	0.3
	LSD (0.05)	12.7	17.2	2.2	0.2
	Heritability	0.5	--	--	--

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

Top LSD group in bold.