

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

Private farm, Hugoton, Stevens County, 37.27228803, -101.2722087

Planted 9/27/2024

Previous crop fallow

Primary tillage conventional

Irrigation none

Harvested 6/19/2025

Soil texture sandy loam

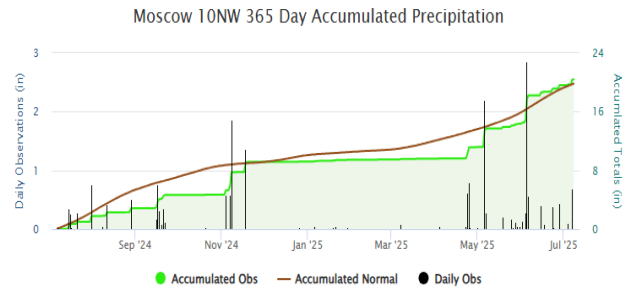
OM % 0.8

pH 6.0

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 dryland trial was very dry until the end of the growing season. Yields and quality suffered from the lack of moisture. (Photo 6/12/25 P. Burt)



BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
AgriPro	AP Bigfoot	39.5	78.0	56.5	10.7
AgriPro	AP Roadrunner	52.2	103.1	56.4	10.7
AgriPro	AP Sunbird	42.2	83.4	57.7	10.7
AgriPro	AP24 AX	39.4	77.9	56.7	10.8
AGSECO	AG Golden	54.3	107.2	56.7	10.4
KWA	(W) Joe	51.4	101.4	58.3	10.3
KWA	KS Big Bow	58.3	115.0	58.6	10.5
KWA	KS Bill Snyder	63.0	124.4	57.7	10.1
KWA	KS Dallas	43.3	85.5	57.4	11.0
KWA	KS Hamilton	50.7	100.1	58.1	10.7
KWA	KS Homesteader CL+	35.4	69.9	57.8	11.4
KWA	KS Mako	46.3	91.4	57.8	10.8
KWA	KS Providence	34.3	67.7	54.2	11.3
KWA	KS Territory	51.7	102.0	59.6	11.2
KWA	KS Western Star	59.6	117.6	60.3	10.4
Limagrain	LCS Atomic AX	44.8	88.5	58.0	10.8
Limagrain	LCS Helix AX	59.5	117.6	58.2	10.4
Limagrain	LCS Radar	30.1	59.4	55.4	10.6
Limagrain	LCS Steel AX	62.5	123.4	57.2	11.0
Limagrain	T-158	46.2	91.3	58.5	10.4
OGL	Breakthrough	59.1	116.6	58.6	10.7
PlainsGold	CO200037R	64.5	127.5	61.0	10.5
PlainsGold	Canvas	51.6	101.9	59.1	11.1
PlainsGold	CO19410R	61.4	121.2	58.4	10.6

BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
PlainsGold	CO19DO87R	56.0	110.6	58.0	10.4
PlainsGold	Guardian	63.8	126.0	58.5	11.0
PlainsGold	Sheridan	49.6	97.9	60.0	11.1
PlainsGold	Whistler	69.6	137.4	59.9	10.4
Polansky	Golden Hawk	43.5	85.8	57.2	12.2
Polansky	High Country	44.9	88.6	56.4	10.7
Polansky	Rockstar	42.8	84.5	58.5	10.7
Watley	TAM 112	51.6	101.8	58.3	10.5
Watley	TAM 115	53.5	105.7	59.6	10.7
Watley	TAM 204	36.6	72.3	55.1	11.2
WestBred	WB4347	57.6	113.8	58.5	10.7
WestBred	WB4422	65.3	128.9	59.0	10.7
WestBred	WB4445CLP	40.8	80.6	55.6	10.9
WestBred	WB4595	47.7	94.2	58.5	11.3
	Average	50.6	100.0	57.9	10.8
	CV (%)	8.8	8.8	0.9	0.4
	LSD (0.05)	10.2	20.2	1.4	0.4
	Heritability	0.6	--	--	--

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

Top LSD group in bold.

(W) signifies white wheat variety.