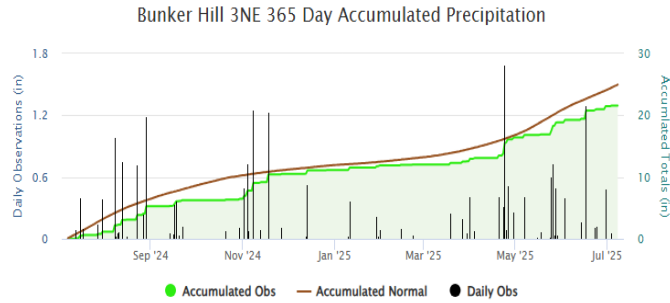


Russell, Kansas Dryland Winter Wheat Variety Trial, 2024-2025

Private farm, Russell, Russell County, 38.89417372, -98.84522122

Planted 10/3/2024
Previous crop grain sorghum/fallow
Primary tillage conventional
Irrigation none
Harvested 6/25/2025
Soil texture silt clay loam
OM % 2.6
pH 5.8
Fertility 73-22-0-4 lbs/a N, P, K, S on 10/24
30-0-0 lbs/a N, P, K on 2/07



The Russell dryland trial had excellent growth in early spring until it was afflicted with wheat streak mosaic virus (WSMV) in early May. KS Territory proved to be a standout in resistance to WSMV. (Photos 5/5 C. Dinkel)



BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
AgriPro	AP Bigfoot	47.2	91.2	52.3	17.4
AgriPro	AP Sunbird	55.4	106.9	54.5	18.6
AgriPro	AP24 AX	53.8	103.9	51.7	17.1
AGSECO	AG Golden	50.8	98.2	50.6	13.7
Armor	AR Iron Eagle AX	47.3	91.4	53.2	16.6
Armor	AR Turret 25	45.5	87.8	53.1	14.8
Croplan	CP7017AX	45.7	88.2	53.0	16.4
Croplan	CP7869	47.9	92.4	52.7	16.4
KWA	KS Bill Snyder	50.6	97.8	55.8	16.4
KWA	KS Homesteader CL+	56.1	108.5	58.1	19.8
KWA	KS Mako	50.9	98.4	54.3	17.4
KWA	KS Providence	53.7	103.6	51.9	14.6
KWA	KS Territory	67.6	130.7	56.6	17.6
KWA	KS Western Star	51.3	99.0	54.1	17.5
Limagrain	LCS Atomic AX	50.6	97.7	54.0	18.1
Limagrain	LCS Helix AX	54.6	105.5	56.3	17.1
Limagrain	LCS Mojo	51.1	98.6	54.7	19.8
Limagrain	LCS Radar	43.3	83.7	51.8	14.9
Limagrain	LCS Runner	50.4	97.3	53.8	15.9
Limagrain	LCS Steel AX	46.1	89.0	51.7	15.0
Limagrain	LCS Warbird AX	52.4	101.2	53.4	16.0
OGI	Paradox	46.5	89.8	50.0	15.9
OGI	Showdown	51.3	99.1	51.6	15.7
PlainsGold	C0200037R	62.4	120.6	57.1	18.5
PlainsGold	Canvas	52.9	102.1	53.6	18.8

BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)
PlainsGold	CO19410R	55.7	107.6	53.3	16.0
PlainsGold	CO19DO87R	55.0	106.3	51.8	14.0
PlainsGold	Crescent AX	47.9	92.5	54.3	15.4
PlainsGold	Guardian	52.2	100.8	57.0	16.8
PlainsGold	Kivari AX	55.4	107.0	52.5	15.4
PlainsGold	Sheridan	48.6	93.9	52.6	16.6
PlainsGold	Whistler	58.7	113.4	51.3	13.9
Polansky	Golden Hawk	45.7	88.4	50.9	15.3
Polansky	High Country	44.3	85.6	53.6	17.7
Polansky	Paradise	56.3	108.7	51.8	16.1
Polansky	Rockstar	56.5	109.1	51.9	15.9
WestBred	WB4347	55.8	107.8	54.9	17.5
WestBred	WB4401	48.7	94.1	53.6	16.9
WestBred	WB4422	53.2	102.7	54.4	16.3
WestBred	WB4445CLP	53.4	103.1	55.3	17.1
WestBred	WB4595	45.9	88.6	56.0	17.8
WestBred	WB4699	51.9	100.3	50.0	13.8
WestBred	WB4792	55.6	107.4	54.8	18.2
	Average	51.8	100.0	53.5	16.5
	CV (%)	6.7	6.7	0.8	1.5
	LSD (0.05)	5.2	10.0	2.1	1.6
	Heritability	0.8	--	--	--

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

Top LSD group in bold.