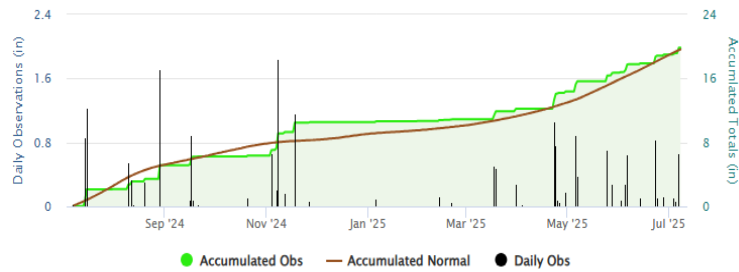


Garden City, Kansas Dryland Winter Wheat Variety Trial, 2024-2025

Kansas State University Southwest Research-Extension Center, Garden City, Finney County

Planted 9/26/2024
Previous crop grain sorghum/fallow
Primary tillage conventional
Irrigation none
Harvested 6/30/2025
Soil texture clay loam
OM % 1.4
pH 7.9

Garden City 365 Day Accumulated Precipitation



The Garden City dryland trial enjoyed excellent growing conditions throughout most of the spring. (Photo 5/23/25 E. DeWolf)
Significant winds 5/24-5/25 caused lodging in susceptible varieties. Jackrabbit feeding contributed to damage of some plots. (Photos and ratings 6/10/25 L. Simon)



BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	LDG* (rating)	RODENT** (rating)
AgriPro	AP Bigfoot	94.9	113.9	57.9	8.3	2.0	0.3
AgriPro	AP Roadrunner	79.9	95.9	53.7	8.3	2.8	0.0
AgriPro	AP Sunbird	72.9	87.5	55.6	8.0	4.8	0.0
AgriPro	AP24 AX	71.3	85.6	55.4	8.3	1.5	0.3
AGSECO	AG Golden	68.6	82.3	55.4	8.0	2.5	0.0
KWA	(W) Joe	71.2	85.4	56.2	8.1	3.8	0.3
KWA	KS Big Bow	92.0	110.4	55.8	8.1	1.8	0.3
KWA	KS Bill Snyder	87.0	104.4	56.2	8.0	2.3	0.0
KWA	KS Dallas	69.9	83.9	56.1	8.0	4.5	0.0
KWA	KS Hamilton	82.4	98.9	53.5	8.3	2.5	0.0
KWA	KS Homesteader CL+	79.0	94.8	57.5	8.2	3.3	0.0
KWA	KS Mako	79.7	95.7	58.4	8.0	2.3	0.0
KWA	KS Providence	95.3	114.3	56.6	8.2	0.3	0.5
KWA	KS Territory	81.1	97.3	56.6	8.0	1.5	0.0
KWA	KS Western Star	88.4	106.1	55.9	8.1	1.0	0.3
Limagrain	LCS Atomic AX	96.6	116.0	59.5	8.1	2.8	0.5
Limagrain	LCS Helix AX	101.4	121.8	58.1	8.1	3.5	0.0
Limagrain	LCS Radar	76.8	92.2	55.4	8.1	3.0	0.0
Limagrain	LCS Steel AX	76.7	92.1	56.4	8.1	0.8	0.8
Limagrain	T-158	76.0	91.2	58.3	8.0	3.5	0.0
OGI	Breakthrough	75.1	90.2	56.1	8.3	3.5	0.0
PlainsGold	CO200037R	90.6	108.7	55.9	8.1	1.5	0.3
PlainsGold	Canvas	97.9	117.5	55.6	8.1	0.5	0.3
PlainsGold	CO19410R	92.7	111.2	56.9	8.2	2.3	0.0
PlainsGold	CO19DO87R	70.9	85.1	54.7	8.2	3.3	0.0
PlainsGold	Guardian	82.1	98.6	58.1	8.0	2.8	0.0
PlainsGold	Sheridan	82.8	99.4	58.5	8.2	1.5	0.5

BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	LDG* (rating)	RODENT** (rating)
PlainsGold	Whistler	64.3	77.1	54.6	8.0	3.8	0.3
Polansky	Golden Hawk	73.2	87.9	56.0	8.1	3.3	0.0
Polansky	High Country	66.5	79.9	55.3	8.3	4.8	2.8
Polansky	Rockstar	99.9	119.9	56.1	8.1	0.3	0.5
Watley	TAM 112	64.5	77.5	57.0	8.0	4.0	0.0
Watley	TAM 115	75.6	90.7	58.1	7.9	3.0	0.0
Watley	TAM 204	84.9	101.9	55.4	8.3	0.0	0.5
WestBred	WB4347	94.8	113.8	57.9	8.1	2.0	0.3
WestBred	WB4422	111.4	133.7	59.5	7.7	0.0	0.3
WestBred	WB4445CLP	93.8	112.6	59.0	8.5	0.0	0.3
WestBred	WB4595	103.8	124.6	57.0	8.5	0.5	0.0
	Average	83.3	100.0	56.6	8.1	2.3	0.2
	CV (%)	9.6	9.6	1.4	0.3	--	--
	LSD (0.05)	12.9	15.5	0.3	0.2	--	--
	Heritability	0.5	--	--	--	--	--

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

(W) signifies white wheat variety.

*Lodging scale 0-5: 0= no lodging; 5= completely flattened

**Rodent damage scale 0-5: 0= no damage; 5= completely damaged