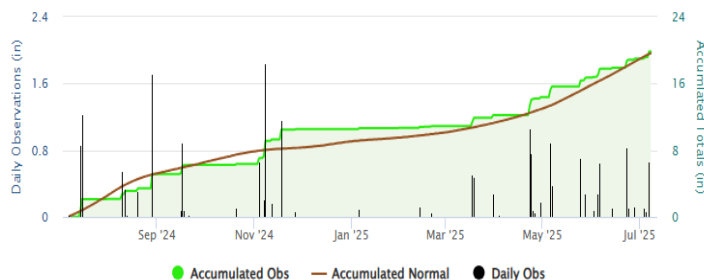


Garden City, Kansas Irrigated Winter Wheat Variety Trial, 2024-2025

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

Planted 9/26/2024
Previous crop corn
Primary tillage mini-till
Irrigation pivot
Harvested 6/30/2025
Soil texture loam
OM % 2.1
pH 7.4

Garden City 365 Day Accumulated Precipitation



The Garden City irrigated 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 6/11/25 L. Simon)



BRAND	NAME	YIELD (bu/a)	PAVG (%)	TW (lb/bu)	MOIST (%)	LDG* (rating)	RODENT** (rating)
AgriPro	AP Prolific	110.7	101.6	58.4	8.2	0.8	0.3
AgriPro	AP Roadrunner	112.2	103.0	55.8	8.0	1.0	0.0
AgriPro	AP Sunbird	117.4	107.7	54.4	8.3	3.5	0.0
AGSECO	AG Golden	117.8	108.1	55.8	8.0	1.8	0.0
KWA	KS Big Bow	105.7	97.0	54.7	8.1	1.5	0.0
KWA	KS Bill Snyder	119.5	109.7	58.7	7.9	0.0	0.0
KWA	KS Homesteader CL+	106.1	97.4	59.7	7.8	1.3	0.3
KWA	KS Mako	117.5	107.9	59.7	7.9	1.0	0.0
KWA	KS Providence	108.9	99.9	56.8	8.2	0.0	0.0
KWA	KS Territory	117.3	107.6	59.4	7.8	0.3	0.0
Limagrain	LCS Aries	91.1	83.6	58.4	8.0	3.0	0.0
Limagrain	LCS Atomic AX	113.7	104.4	58.7	8.1	1.8	0.0
Limagrain	LCS Helix AX	121.7	111.7	58.9	7.9	1.5	0.3
Limagrain	LCS Mojo	106.0	97.3	57.7	8.0	0.5	0.0
Limagrain	LCS Radar	99.7	91.5	56.0	8.1	0.3	0.0
Limagrain	LCS Steel AX	104.1	95.5	57.3	8.4	0.8	0.0
Limagrain	LCS Warbird AX	112.9	103.6	58.8	8.1	1.8	0.0
Limagrain	T-158	110.3	101.2	58.5	7.9	0.8	0.0
OGI	Breakthrough	106.4	97.6	57.4	8.2	2.5	0.0
PlainsGold	Canvas	124.0	113.8	57.9	8.0	0.0	0.0
PlainsGold	CO19DO87R	87.2	80.0	54.3	8.1	3.5	0.0
PlainsGold	Sheridan	100.3	92.0	60.6	8.0	0.3	0.0
Polansky	Golden Hawk	104.5	96.0	58.6	8.0	1.0	0.5
Polansky	High Country	96.6	88.7	54.3	8.4	4.0	0.0
Polansky	Rockstar	122.1	112.1	57.1	8.0	0.0	0.0
Watley	TAM 112	101.7	93.3	56.5	7.7	3.5	0.0
BRAND	NAME	YIELD	PAVG	TW	MOIST	LDG*	RODENT**

		(bu/a)	(%)	(lb/bu)	(%)	(rating)	(rating)
Watley	TAM 115	86.5	79.4	58.8	7.8	2.3	0.0
Watley	TAM 204	105.4	96.7	57.1	7.9	0.0	0.0
WestBred	WB4347	115.5	106.0	57.6	7.9	2.3	0.0
WestBred	WB4422	128.6	118.0	59.4	8.0	0.0	0.0
WestBred	WB4445CLP	114.4	105.0	58.4	8.2	0.5	0.0
WestBred	WB4595	105.6	96.9	57.4	8.5	0.0	0.0
WestBred	WB4792	104.0	95.4	57.1	8.4	0.0	0.0
	Average	108.9	100.0	57.6	8.1	1.2	0.0
	CV (%)	7.4	7.4	1.8	0.3	--	--
	LSD (0.05)	10.6	9.7	1.7	0.2	--	--
	Heritability	0.5	--	--	--	--	--

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

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

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