



# Hooker Regional Wheat Variety Trial

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Cooperator: Ernest and Dan Herald  
 Extension Educator: Dr. Britt Hicks  
 Planting & harvest dates: 10/04/2021 & 06/21/2022  
 Previous crop: Grain sorghum  
 Management: Grain-only  
 Soil Type: Dalhart fine sandy loam  
 Tillage: Conventional  
 Soil test: pH=6.9, N= 149, P= 208, K= 635

Licensee	Variety	Grain Yield			Test Weight	Wheat Protein
		2021-22	2-Year	3-Year	2021-22	2021-22
		----- bu/ac -----			-- lb/bu --	-- % --
AGSECO	AG Golden	24	--	--	56.0	14.3
KWA	KS Hamilton	22	--	--	55.2	15.6
OGI	Gallagher	22	43	48	56.6	15.4
LCS	LCS Valiant	21	--	--	57.1	16.3
KWA	KS Ahearn	21	--	--	55.8	14.9
OGI	Duster	19	--	--	57.1	15.0
AGSECO	AG Icon	19	49	50	54.6	15.2
Croplan	CP72166AX	19	--	--	56.3	15.4
KWA	KS Providence	18	--	--	53.9	15.7
PlainsGold	Canvas	18	44	49	49.6	14.1
PlainsGold	Guardian	18	40	--	56.4	16.1
OGI	Showdown	18	40	45	54.6	15.2
OGI	Smith's Gold	18	42	45	56.6	15.7
Westbred	WB4523	17	--	--	56.4	15.0
LCS	LCS Steel AX	17	--	--	54.2	14.7
Westbred	WB4422	17	--	--	54.7	16.1
Westbred	WB4401	17	--	--	56.1	15.1
OGI	Lonerider	17	42	45	55.7	16.5
Croplan	CP7017AX	17	--	--	56.4	15.2
OGI	Bentley	16	45	48	55.8	15.7
AgriPro	AP Roadrunner	16	--	--	53.7	14.6
OGI	OK Corral	16	42	--	54.4	15.6
AGSECO	AG Radical	16	--	--	56.1	16.0
OGI	Baker's Ann	16	42	46	54.4	16.2
PlainsGold	Breck	15	--	--	58.2	15.5
LCS	LCS Chrome	15	43	45	56.3	16.0
LCS	LCS Runner	15	--	--	58.3	14.3
OGI	Iba	14	41	48	55.4	14.4
KWA	KS Western Star	14	45	--	57.5	15.1
Westbred	WB4792	14	37	45	54.9	14.6
LCS	LCS Helix AX	13	--	--	57.5	14.8
PlainsGold	Sunshine	12	--	--	56.6	16.0
OGI	Breakthrough	12	34	41	56.6	15.4
PlainsGold	Crescent AX	12	42	45	55.2	14.8
LCS	LCS Julep	11	--	--	55.3	16.1
LCS	LCS Photon AX	10	--	--	58.9	16.2
AgriPro	AP18 AX	10	--	--	55.8	15.3
LCS	LCS Atomic AX	10	--	--	54.6	14.8
OGI	Strad CL+	9	--	--	54.4	15.9
AgriMAXX	AM Cartwright	8	--	--	59.1	15.5
<b>Mean</b>		<b>16</b>	<b>42</b>	<b>46</b>	<b>55.8</b>	<b>15.3</b>
<b>LSD (0.05)</b>		<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>NS</b>	<b>0.9</b>

**Notes:** Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values were not statistically different from the highest value within a column. The crop experienced severe drought stress during the season and moderate to high pressure of Fusarium root/crown rot disease. Due to the high variability of the data in 2021 and 2022, no significant (NS) statistical differences were detected among varieties for yield and test weight. Double-dashes"--" = data not available.