

Altus Wheat Variety Trial 2019-2020

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Cooperator: OSU Southwest Res. & Ext. Center	Extension Educator: Gary Strickland
Planting & harvest dates: 9/30/19 & 6/1/20	Previous crop: Wheat
Management: Grain-only	Soil Type: Hollister silt clay loam
Tillage: Conventional	Soil test: pH=7.5, N= 64, P= 52, K= 913

Licensee	Variety	Grain Yield			Test Weight	Protein
		2019-20	2-Year	3-Year	2019-20	2019-20
		----- bu/ac -----			-- lb/bu --	-- % --
CROPLAN	CP7869	68	68	-	57.1	11.6
PlainsGold	Canvas	68	69	-	51.5	11.5
WestBred	WB4595	66	63	-	60.4	10.7
CROPLAN	CP7010	66	-	-	60.5	11.4
WestBred	WB4699	66	62	-	57.3	10.5
WestBred	WB4515	64	57	46	57.7	11.9
OGI	Doublestop CL Plus	64	58	44	59.8	11.2
PlainsGold	Guardian	63	-	-	57.6	11.7
WestBred	WB4792	63	65	-	59.1	11.6
OGI	Showdown	63	68	52	56.6	12.2
OGI	OK Corral	61	-	-	58.1	11.2
LCS	LCS Chrome	59	56	44	51.6	13.3
CROPLAN	CP7909	54	55	-	58.4	12.9
AGSECO	TAM 114	52	59	41	58.6	12.8
KWA	KS Western Star	50	-	-	52.8	12.1
OGI	Smith's Gold	46	53	42	59.9	12.8
KWA	Zenda	45	51	37	58.7	14.3
AGSECO	AG Icon	44	55	44	60.1	14.3
KWA	KS Silverado	42	-	-	60.4	13.2
OGI	Gallagher	42	49	37	58.3	12.7
OGI	Iba	39	51	39	59.3	12.3
AgriPro	SY Rugged	39	47	36	58.9	13.6
AgriPro	SY Achieve CL2	37	41	30	60.1	14.3
KWA	KS Dallas	36	-	-	59.6	13.3
AgriPro	AP EverRock	35	-	-	58.2	13.5
AgriPro	Bob Dole	34	41	30	58.8	14.8
OGI	Duster	33	50	38	58.5	13.8
AgriPro	SY Benefit	30	32	23	60.9	14.4
OGI	Ruby Lee	30	40	32	61.4	14.7
OGI	Green Hammer	29	49	40	60.2	15.1
OGI	Bentley	28	43	36	58.8	13.7
LCS	LCS Photon AX	28	-	-	61.5	14.9
WestBred	WB4401	26	-	-	55.1	13.8
PlainsGold	Langin	23	38	29	59.8	14.1
OGI	Baker's Ann	23	41	31	60.8	14.9
OGI	Skydance	23	36	-	60.4	14.2
PlainsGold	Crescent AX	22	33	-	60.3	14.2
WestBred	WB4269	18	42	37	58.5	14.7
Experimentals						
	OK15MASBx7 ARS 8-1	49	-	-	57.9	12.4
	OK12912C-138407-2	42	-	-	59.9	13.4
	OCW04S717T-6W	37	-	-	57.4	14.0
	OK16729W	34	52	-	61.9	13.7
	OK188608	31	-	-	61.3	12.8
	OK16D101089	28	46	-	60.4	13.5
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	Mean	43	51	38	58.7	13.1
	LSD (0.05)	6	10	7	1.1	1.4

Notes: Grain yield and protein concentration were adjusted to 12% moisture content. Shaded values are not statistically different from the highest value within a column. Moderate pressure of stripe rust and septoria diseases. There was no lodging across the trial. Average rating for freeze damage was 49% and late maturing varieties seemed to be less affected by the mid-April freeze event.