



**2021 OREGON HARD SPRING WHEAT YIELD TRIALS  
Kent (Conventional Tillage)**



Site Description: Yields were lower than normal due to drought and high heat during grain fill.

Variety	Herbicide Resistance	Class	2021 Yield		2-Year		3-Year		4-Year		Best Estimate* Yield bu/ac
			Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	Yield bu/ac	Rank	
WB7202 CLP	CL+	HWS	19	1	27	1	33	1			33 ± 5
WA 8299 CL+	CL+	HRS	16	5	23	2					28 ± 6
Glee		HRS	18	3	20	3	27	2			27 ± 5
Lanning		HRS	19	2	19	5	27	3			27 ± 5
MT1716		HRS	17	4							26 ± 9
WB9668		HRS	13	16	18	6	25	4			25 ± 5
Kelse		HRS	14	10	20	4	25	5			25 ± 5
IDO2105S		HRS	15	6							25 ± 9
UC-Central Red		HRS	15	7							24 ± 9
Yecora Rojo-515		HRS	15	8							24 ± 9
WB9303		HRS	15	9							24 ± 9
IDO2002S		HWS	14	11							23 ± 9
IDO1804S		HWS	14	12							23 ± 9
IDO2004S		HWS	14	14							23 ± 9
WA 8314		HRS	13	15							23 ± 9
UC Amarillo		HWS	13	18							22 ± 9
Patwin-515HP		HWS	12	20							21 ± 9
Net CL+ (WA 8280 CL+)	CL+	HRS	13	19	15	8	21	6			21 ± 5
UC1838		HRS	13	17							20 ± 6
WB9662		HRS	14	13	17	7	18	7			18 ± 5
		Average	15		20		25				24
		LSD (0.05)	3								
		CV (%)	13								

\*Best linear unbiased estimators (BLUEs) are best estimators of variety performance relative to other varieties, based on up to four years of data.



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Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %
WB7202 CLP	HWS		22.6	57.4	14.0
WA 8299 CL+	HRS		25.8	59.4	15.6
Glee	HRS	MD	27.0	57.7	15.3
Lanning	HRS		24.1	56.3	15.2
MT1716	HRS		24.6	57.5	14.6
WB9668	HRS	D	20.3	57.9	16.4
Kelse	HRS	D	27.9	56.4	16.4
IDO2105S	HRS		22.6	56.6	15.4
UC-Central Red	HRS		21.4	56.8	15.4
Yecora Rojo-515	HRS		17.8	57.1	15.0
WB9303	HRS		21.9	59.3	16.3
IDO2002S	HWS		21.6	55.9	15.4
IDO1804S	HWS		20.7	55.9	15.6
IDO2004S	HWS		23.7	57.7	14.7
WA 8314	HRS		24.9	57.2	15.6
UC Amarillo	HWS		21.3	54.9	16.2
Patwin-515HP	HWS		19.5	53.2	15.5
Net CL+ (WA 8280 CL+)	HRS	MD	25.8	58.7	15.7
UC1838	HRS		21.0	56.5	15.2
WB9662	HRS	LD	22.5	57.1	14.6
	Average		22.9	57.0	15.4
	LSD		2.5	1.9	1.0
	CV (%)		8	2	5

\*Quality ratings assigned by the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A = Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



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Planting Date: 3-29-2021

Harvest Date: 8-6-2021

Site Location: 45.1636, -120.6660

Planting Method: Conventional Drill

Row Spacing: 7.5"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice