



2021 OREGON HARD SPRING WHEAT YIELD TRIALS
Pendleton-CBARC Station (Conventional Tillage)



Site Description: Trial was relatively uniform.

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	37	1	41	3	38	1	42	1	42 ± 4
WA 8299 CL+	CL+	HRS	34	6	41	1	38	2			41 ± 5
Glee		HRS	32	10	38	4	36	3	39	2	39 ± 4
IDO2105S		HRS	35	2							39 ± 8
Net CL+ (WA 8280 CL+)	CL+	HRS	32	11	41	2	35	4	38	3	38 ± 4
Lanning		HRS	33	8	37	5	35	5	38	4	38 ± 4
MT1716		HRS	34	4							37 ± 8
Kelse		HRS	31	12	36	6	33	6	37	5	37 ± 4
WA 8314		HRS	34	5							37 ± 8
WB9668		HRS	35	3	35	7	31	7	34	6	34 ± 4
WB9303		HRS	33	9	34	8					34 ± 6
UC1838		HRS	33	7							33 ± 6
IDO2004S		HWS	30	14							33 ± 8
IDO2002S		HWS	30	15							33 ± 8
UC-Central Red		HRS	29	17							32 ± 8
Yecora Rojo-515		HRS	28	18							31 ± 8
Patwin-515HP		HWS	26	19							30 ± 8
WB9662		HRS	30	13	30	9	28	8	30	7	30 ± 4
IDO1804S		HWS	29	16	29	10					29 ± 6
UC Amarillo		HWS	25	20							28 ± 8
		Average	31		36		34		37		35
		LSD (0.05)	2								
		CV (%)	5								

*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 %	Heading Date
WB7202 CLP	HWS		23.9	62.3	8.7	5/30
WA 8299 CL+	HRS		28.5	62.4	9.5	6/2
Glee	HRS	MD	27.3	61.3	9.7	6/2
IDO2105S	HRS		26.1	61.2	9.0	5/31
Net CL+ (WA 8280 CL+)	HRS	MD	28.4	61.0	10.1	6/4
Lanning	HRS		25.4	60.0	10.2	5/31
MT1716	HRS		28.7	59.5	9.8	6/3
Kelse	HRS	D	29.9	59.9	10.1	6/4
WA 8314	HRS		27.8	60.4	9.7	6/3
WB9668	HRS	D	24.3	62.9	10.2	5/31
WB9303	HRS		28.1	63.6	10.7	5/29
UC1838	HRS		26.9	59.4	9.5	6/2
IDO2004S	HWS		24.8	59.4	9.2	6/2
IDO2002S	HWS		21.8	60.6	8.9	6/1
UC-Central Red	HRS		21.1	61.5	9.7	5/31
Yecora Rojo-515	HRS		19.8	61.2	9.7	5/31
Patwin-515HP	HWS		18.7	58.7	9.7	6/2
WB9662	HRS	LD	22.3	61.7	10.1	6/1
IDO1804S	HWS		24.0	57.4	10.1	6/3
UC Amarillo	HWS		19.5	60.3	10.8	5/31
	Average		24.8	60.8	9.8	6/1
	LSD		1.2	0.7	0.3	0.7
	CV (%)		4	1	2	

*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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Site Description: Trial was relatively uniform.

Planting Date: 3-10-2021

Harvest Date: 7-16-2021

Site Location: 45.72471, -118.62312

Fertility: 68-8-0-16S Prior to Planting, 60-0-0 Topdress on 4-22-2021

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Foliar Pathogens Observed)

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice