



**2023 OREGON HARD SPRING WHEAT YIELD TRIALS
Pendleton (Conventional Tillage)**



Site Description: Trial was relatively uniform.

Variety	Herbicide Resistance	Class	2023 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	
Hale		HRS	30	1	56	1					49 ± 4
WA8355		HRS	30	2	55	2					48 ± 5
Glee		HRS	25	9	54	3	47	1	46	1	46 ± 3
WA8387 CL+	CL+	HRS	28	3	53	4					46 ± 5
Net CL+	CL+	HRS	26	7	51	6	45	2	46	2	46 ± 3
IDO2104HF		HWS	26	6	52	5					45 ± 5
Lanning		HRS	27	4							44 ± 4
WB9623		HRS	24	10	51	7					44 ± 5
IDO2105S		HRS	24	13							43 ± 7
WA8358 CL+	CL+	HRS	24	11	50	9					43 ± 5
IDO2002S		HWS	26	8	51	8	44	3			43 ± 4
Kelse		HRS	27	5	49	11	43	4	42	3	42 ± 3
UC-Central White (UC1932)		HWS	19	21	49	12					42 ± 5
WB9668		HRS	23	14	47	14	43	5	41	4	41 ± 3
IDO2202CL2	CL+	HRS	24	12	48	13					41 ± 5
AP Renegade		HRS	19	20	45	17					41 ± 4
WB9303		HRS	21	16	47	15	42	7	40	5	40 ± 3
UC1976		HWS	20	17							39 ± 7
UI Gold (IDO1804S)		HWS	22	15	49	10	42	6	39	6	39 ± 3
UC1961		HRS	20	18							39 ± 7
UC Central Red		HRS	18	22	45	16	40	8			39 ± 4
WB9636		HRS	19	19							38 ± 7
WB9662		HRS	16	24							36 ± 4
UC1975		HWS	17	23							36 ± 7
		Average	23		50		43		43		42
		LSD (0.05)	2								
		CV (%)	7.3								

*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 %
Hale	HRS	MD	25.3	63.5	11.9
WA8355	HRS		25.0	63.5	11.1
Glee	HRS	MD	25.0	63.3	11.4
WA8387 CL+	HRS		24.7	63.5	11.8
Net CL+	HRS	MD	24.0	63.2	12.7
IDO2104HF	HWS		22.7	62.6	12.0
Lanning	HRS		22.3	62.6	12.4
WB9623	HRS		24.7	62.9	11.8
IDO2105S	HRS		22.0	63.7	12.0
WA8358 CL+	HRS		23.0	63.5	12.6
IDO2002S	HWS		22.7	63.3	11.6
Kelse	HRS	D	27.3	63.0	12.5
UC-Central White (UC1932)	HWS		20.7	62.3	12.4
WB9668	HRS	D	21.7	64.0	13.5
IDO2202CL2	HRS		22.7	63.7	11.9
AP Renegade	HRS	D	19.7	62.7	13.4
WB9303	HRS		24.0	63.7	14.0
UC1976	HWS		19.3	59.1	12.7
UI Gold (IDO1804S)	HWS		22.3	61.8	11.9
UC1961	HRS		20.0	59.2	11.7
UC Central Red	HRS		20.7	62.9	12.7
WB9636	HRS		21.0	62.6	13.5
WB9662	HRS	LD	21.0	63.2	13.3
UC1975	HWS		18.0	60.1	11.9
	Average		22.5	62.7	12.4
	LSD (0.05)		1.7	0.5	0.6
	CV (%)		5.3	0.5	3.6

*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: 3-23-2023

Harvest Date: 8-4-2023

Site Location: 45.7244, -118.6312

Fertility: 20-25-0-16.5S Prior to Planting, 115-0-0 Topdress

Row Spacing: 7.5"

Plot Length: ~25'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice