



2023 OREGON HARD SPRING WHEAT YIELD TRIALS
La Grande (Irrigated)



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	
UI Gold (IDO1804S)		HWS	113	2	102	1					102 ± 7
IDO2105S		HRS	109	3							100 ± 10
Hale		HRS	116	1	99	2					99 ± 7
IDO2002S		HWS	105	5	98	3					98 ± 7
IDO2104HF		HWS	102	9	97	4					97 ± 7
WA8355		HRS	108	4	97	5					97 ± 7
UC1975		HWS	105	6							96 ± 10
WB9623		HRS	98	14	93	6					93 ± 7
IDO2202CL2	CL+	HRS	104	7	93	7					93 ± 7
Net CL+	CL+	HRS	102	10	93	8					93 ± 7
Glee		HRS	97	15	92	9					92 ± 7
WA8358 CL+	CL+	HRS	103	8	91	10					91 ± 7
Lanning		HRS	100	12							91 ± 10
Kelse		HRS	96	17	89	11					89 ± 7
WA8387 CL+	CL+	HRS	100	11	88	12					88 ± 7
UC-Central White (UC1932)		HWS	93	20	88	13					88 ± 7
UC1961		HRS	97	16							88 ± 10
UC Central Red		HRS	100	13	86	14					86 ± 7
WB9636		HRS	95	18							86 ± 10
AP Renegade		HRS	93	19	83	15					83 ± 7
WB9668		HRS	90	22	83	16					83 ± 7
WB9662		HRS	91	21							82 ± 10
WB9303		HRS	86	23	80	17					80 ± 7
		Average	100		91						91
		LSD (0.05)	9								
		CV (%)	6.8								

*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 %
UI Gold (IDO1804S)	HWS		31.0	60.9	13.0
IDO2105S	HRS		30.7	60.9	13.9
Hale	HRS	MD	32.9	62.8	13.7
IDO2002S	HWS		26.1	61.0	13.5
IDO2104HF	HWS		34.6	61.7	13.4
WA8355	HRS		31.6	62.7	13.8
UC1975	HWS		26.9	59.6	13.2
WB9623	HRS		29.0	59.8	14.5
IDO2202CL2	HRS		29.0	61.5	13.9
Net CL+	HRS	MD	30.6	61.8	14.3
Glee	HRS	MD	31.8	62.0	13.7
WA8358 CL+	HRS		31.5	63.0	14.4
Lanning	HRS		30.6	61.3	14.7
Kelse	HRS	D	32.5	62.0	14.8
WA8387 CL+	HRS		31.7	63.0	14.2
UC-Central White (UC1932)	HWS		24.5	61.6	14.2
UC1961	HRS		26.4	59.6	14.1
UC Central Red	HRS		26.4	62.6	14.4
WB9636	HRS		24.1	61.4	15.5
AP Renegade	HRS	D	27.2	60.7	15.1
WB9668	HRS	D	25.0	61.9	15.9
WB9662	HRS	LD	27.2	61.6	14.6
WB9303	HRS		26.1	62.4	16.0
Average			29.0	61.5	14.3
LSD (0.05)			2.5	1.2	0.5
CV (%)			6.1	1.4	2.6

*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: 4-14-2023

Harvest Date: 8-17-2023

Site Location: 45.3329, -117.9653

Row Spacing: 7.5"

Plot Length: ~18'

Plot Width: ~5'

Trial Design: 3-Replicate Alpha-Lattice