



2023 OREGON HARD SPRING WHEAT YIELD TRIALS
Athena (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	
Lanning		HRS	61	1							
WA8387 CL+	CL+	HRS	60	2							
WB9303		HRS	58	3							
IDO2202CL2	CL+	HRS	58	4							
Glee		HRS	57	5							
Hale		HRS	57	6							
WB9668		HRS	56	7							
WA8355		HRS	56	8							
IDO2104HF		HWS	56	9							
WA8358 CL+	CL+	HRS	55	10							
IDO2105S		HRS	55	11							
IDO2002S		HWS	54	12							
UC Central Red		HRS	53	13							
WB9623		HRS	53	14							
UC1961		HRS	52	15							
UC-Central White (UC1932)		HWS	52	16							
Net CL+	CL+	HRS	51	17							
AP Renegade		HRS	51	18							
Kelse		HRS	51	19							
WB9662		HRS	51	20							
UI Gold (IDO1804S)		HWS	50	21							
UC1975		HWS	49	22							
WB9636		HRS	48	23							
		Average	54								
		LSD (0.05)	2								
		CV (%)	3.1								

*Best linear unbiased estimators (BLUEs) are only calculated when more than one year of data is available.



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Variety	Class	Quality*	Height in	Test Weight lbs/bu	Protein %
Lanning	HRS		29.1	58.2	15.8
WA8387 CL+	HRS		30.6	61.4	15.0
WB9303	HRS		26.7	61.0	16.1
IDO2202CL2	HRS		28.1	59.7	15.0
Glee	HRS	MD	31.1	58.3	15.3
Hale	HRS	MD	29.9	57.6	15.6
WB9668	HRS	D	23.4	59.4	16.8
WA8355	HRS		28.2	58.3	14.9
IDO2104HF	HWS		29.1	56.4	14.8
WA8358 CL+	HRS		29.2	59.4	15.6
IDO2105S	HRS		29.2	58.1	15.3
IDO2002S	HWS		26.1	57.0	15.2
UC Central Red	HRS		26.6	59.0	15.2
WB9623	HRS		28.2	54.9	16.3
UC1961	HRS		24.3	54.1	15.1
UC-Central White (UC1932)	HWS		24.7	58.9	15.3
Net CL+	HRS	MD	30.7	58.0	16.0
AP Renegade	HRS	D	25.3	58.2	15.7
Kelse	HRS	D	31.4	56.9	16.1
WB9662	HRS	LD	25.9	58.0	15.5
UI Gold (IDO1804S)	HWS		28.7	55.2	16.3
UC1975	HWS		23.7	55.2	14.8
WB9636	HRS		24.8	57.4	15.5
Average			27.6	57.8	15.5
LSD (0.05)			1.4	1.0	0.4
CV (%)			3.5	1.2	1.8

*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: 4-5-2023

Harvest Date: 7-25-2023

Site Location: 45.8061, -118.6073

Fertility: 120-30-22-15S-17Cl-0.38Zn Prior to Planting, 92-0-0 Topdress on 5-4-2023

Row Spacing: 7.5"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice