



2022 OREGON HARD SPRING WHEAT YIELD TRIALS
North Willamette (Irrigated)



Site Description: Yields were lower than normal due to late planting.

Variety	Herbicide Resistance	Class	2022 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 (WA8315)		HRS	64	1							71 ± 7
IDO2004S		HWS	62	2	70	1					70 ± 5
Net CL+	CL+	HRS	58	4	68	2					68 ± 5
IDO1804S		HWS	56	9	67	3					67 ± 5
IDO2104HF		HWS	59	3							66 ± 7
Jefferson HF		HRS	57	5							64 ± 7
UC1838		HRS	55	14	64	4					64 ± 5
WA8387 CL+	CL+	HRS	57	8							64 ± 7
IDO2202CL2	CL+	HRS	56	10							63 ± 7
WB9623		HRS	56	11							63 ± 7
WA8358 CL+	CL+	HRS	56	12							63 ± 7
WB9668		HRS	57	6	62	5					62 ± 5
Glee		HRS	57	7	62	6					62 ± 5
WA8355		HRS	55	13							62 ± 7
UC1932		HWS	54	15							62 ± 7
Kelse		HRS	53	17	61	7					61 ± 5
IDO2002S		HWS	52	19	60	8					60 ± 5
UC1917		HWS	52	18							59 ± 7
IDO 2103 FHB		HWS	51	20							59 ± 7
WA8356		HRS	51	21							58 ± 7
WB9303		HRS	53	16	56	9					56 ± 5
UC Central Red		HRS	45	22	53	10					53 ± 5
WA8357		HRS	44	23							51 ± 7
UC Amarillo		HWS	41	24	49	11					49 ± 5
		Average	54		61						61
		LSD (0.05)	6								
		CV (%)	8.4								

*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 (WA8315)	HRS	MD	29.4	64.2	14.2
IDO2004S	HWS		27.2	63.2	13.0
Net CL+	HRS	MD	28.8	64.0	14.4
IDO1804S	HWS		26.9	61.8	13.9
IDO2104HF	HWS		25.0	62.9	13.5
Jefferson HF	HRS		28.0	62.8	14.4
UC1838	HRS		27.2	63.6	15.0
WA8387 CL+	HRS		27.3	64.4	13.9
IDO2202CL2	HRS		28.2	63.4	13.9
WB9623	HRS		26.8	62.4	14.2
WA8358 CL+	HRS		27.8	63.8	14.6
WB9668	HRS	D	24.9	63.8	16.2
Glee	HRS	MD	26.9	63.6	13.9
WA8355	HRS		26.3	63.2	14.0
UC1932	HWS		24.8	63.1	14.2
Kelse	HRS	D	28.8	63.1	15.2
IDO2002S	HWS		24.3	62.7	13.7
UC1917	HWS		26.5	60.9	15.4
IDO 2103 FHB	HWS		27.5	63.8	14.6
WA8356	HRS		26.0	63.0	14.5
WB9303	HRS		28.3	63.6	15.9
UC Central Red	HRS		23.9	61.7	15.8
WA8357	HRS		30.1	63.7	16.3
UC Amarillo	HWS		22.0	62.1	16.1
	Average		26.8	63.1	14.6
	LSD (0.05)		1.0	0.7	0.4
	CV (%)		2.7	0.7	2.2

*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: Yields were lower than normal due to late planting.

Planting Date: 5-23-2022

Harvest Date: 8-26-2022

Site Location: 45.6113, -123.0713

Fertility: 105-0-0 Prior to Planting, 69-0-0 Topdress on 6-28-2022

Row Spacing: 7.5"

Plot Length: ~15'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice