



2022 OREGON HARD SPRING WHEAT YIELD TRIALS
Pendleton (Conventional Tillage)



Site Description: Trial was relatively uniform.

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	83	2							50 ± 5
WA8355		HRS	81	3							49 ± 8
UC1932		HWS	79	4							48 ± 8
Glee		HRS	84	1	58	1	54	1	48	1	48 ± 4
UC1917		HWS	79	5							47 ± 8
WA8387 CL+	CL+	HRS	78	6							46 ± 8
IDO2104HF		HWS	78	7							46 ± 8
Jefferson HF		HRS	77	8							46 ± 8
Net CL+	CL+	HRS	76	11	54	3	53	2	46	2	46 ± 4
WB9623		HRS	77	9							46 ± 8
WA8356		HRS	77	10							45 ± 8
UC1838		HRS	76	14	55	2					45 ± 6
AP Renegade		HRS	70	23							45 ± 4
WA8358 CL+	CL+	HRS	75	16							44 ± 8
IDO2004S		HWS	76	13	53	6					43 ± 6
Kelse		HRS	72	21	52	9	48	3	43	3	43 ± 4
IDO2002S		HWS	75	15	53	7					42 ± 6
WB9303		HRS	73	17	53	5	47	5			42 ± 4
IDO 2103 FHB		HWS	73	18							42 ± 8
WB9668		HRS	72	20	53	4	47	4	41	4	41 ± 4
UC Central Red		HRS	73	19	51	10					41 ± 6
IDO2202CL2	CL+	HRS	72	22							40 ± 8
IDO1804S		HWS	76	12	52	8	45	6			39 ± 4
UC Amarillo		HWS	64	24	44	11					34 ± 6
WA8357		HRS	63	25							31 ± 8
		Average	75		52		49		44		43
		LSD (0.05)	3								
		CV (%)	3.2								

*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
Hale (WA8315)	HRS	MD	38.5	64.5	9.0	6/15
WA8355	HRS		37.7	64.1	9.4	6/16
UC1932	HWS		32.1	63.6	9.7	6/14
Glee	HRS	MD	38.7	63.3	9.3	6/14
UC1917	HWS		33.8	62.3	9.6	6/15
WA8387 CL+	HRS		36.3	64.0	10.0	6/15
IDO2104HF	HWS		36.8	62.2	9.8	6/16
Jefferson HF	HRS		38.1	62.3	9.4	6/16
Net CL+	HRS	MD	38.7	65.0	9.4	6/17
WB9623	HRS		38.2	61.7	9.7	6/16
WA8356	HRS		36.7	63.2	9.4	6/14
UC1838	HRS		34.9	62.7	9.4	6/14
AP Renegade	HRS	D	32.5	64.0	10.4	6/16
WA8358 CL+	HRS		36.1	64.2	10.0	6/16
IDO2004S	HWS		36.5	62.5	9.2	6/16
Kelse	HRS	D	38.3	63.4	10.4	6/16
IDO2002S	HWS		31.3	63.1	9.4	6/14
WB9303	HRS		34.8	64.9	11.2	6/11
IDO 2103 FHB	HWS		35.7	65.0	9.7	6/11
WB9668	HRS	D	31.0	64.6	10.7	6/12
UC Central Red	HRS		30.6	64.4	10.2	6/14
IDO2202CL2	HRS		36.8	63.0	9.3	6/13
IDO1804S	HWS		36.0	61.6	9.6	6/16
UC Amarillo	HWS		28.8	63.7	11.1	6/12
WA8357	HRS		41.8	64.4	11.1	6/16
Average			35.6	63.5	9.9	6/15
LSD (0.05)			1.2	0.3	0.3	1.1
CV (%)			2.4	0.3	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: Trial was relatively uniform.

Planting Date: 3-29-2022

Harvest Date: 8-3-2022

Site Location: 45.7184, -118.6278

Fertility: 16-20-0-12S Prior to Planting, 46-0-0 Topdress on 4-5-2022, 46-0-0 Topdress on 5-11-22

Row Spacing: 7.5"

Fungicides: 13.7 oz/acre Trivapro on 5-20-2022

Plot Length: ~15'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice