



**2023 OREGON SOFT 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	
WA8321		SWS	30	2	59	1	51	1	54	1	54 ± 5
Ryan		SWS	31	1	58	2	50	2	52	2	52 ± 5
Tekoa		SWS	28	8	54	4	46	3	51	3	51 ± 5
WA8377		SWS	29	5	55	3					50 ± 7
Seahawk		SWS	29	4	50	9	45	5	49	4	49 ± 5
WA8408		SWS	29	6							48 ± 10
Roger		Club	29	3	53	5	46	4			48 ± 6
WB6211 CLP	CL+	SWS	28	7	53	6	45	6			47 ± 6
IDO1902S		SWS	24	11	51	7	43	7			45 ± 6
UI Cookie		SWS	23	12	51	8	43	8	42	5	42 ± 5
AP Mondovi CL2	CL+	SWS	27	9							42 ± 7
IDO1404S		SWS	25	10	48	10					38 ± 6
		Average	28		53		46		50		47
		LSD (0.05)	2								
		CV (%)	6.1								

*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 %
WA8321	SWS		21.7	63.6	9.6
Ryan	SWS	MD	23.9	63.1	10.7
Tekoa	SWS	MD	25.4	62.8	10.8
WA8377	SWS		26.0	62.7	10.3
Seahawk	SWS	MD	22.3	63.5	10.5
WA8408	SWS		24.3	63.9	10.0
Roger	Club	MD	23.3	64.7	9.6
WB6211 CLP	SWS		23.3	61.4	11.6
IDO1902S	SWS		22.4	64.8	11.5
UI Cookie	SWS	MD	23.6	63.3	11.7
AP Mondovi CL2	SWS	MD	26.4	62.4	12.7
IDO1404S	SWS		23.0	63.4	10.8
	Average		23.8	63.3	10.8
	LSD (0.05)		1.4	0.4	0.4
	CV (%)		4.3	0.4	2.4

*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: 3-23-2023

Harvest Date: 8-4-2023

Site Location: 45.7244, -118.6312

Fertility: 20-25-0-16.5S Prior to Planting, 46-0-0 Topdress

Row Spacing: 7.5"

Plot Length: ~25'

Plot Width: 5'

Trial Design: 3-Replicate Alpha-Lattice