



**2021 OREGON SOFT SPRING WHEAT YIELD TRIALS
Pendleton (Conventional Tillage)**



Site Description: Trial was relatively uniform.

Variety	Herbicide Resistance	Class	2021 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	
WA 8321		SWS	36	3	48	1					47 ± 7
WA 8323		SWS	36	1							47 ± 10
Seahawk		SWS	35	4	48	2	46	2	46	1	46 ± 5
Tekoa		SWS	30	12	47	3	47	1	46	2	46 ± 5
WB6341		SWS	36	2	47	5	44	4	46	3	46 ± 5
WB6121		SWS	34	6	45	7	44	5	45	4	45 ± 5
Ryan		SWS	34	7	46	6	43	6	45	5	45 ± 5
Louise		SWS	33	9	47	4	44	3	44	6	44 ± 5
WA 8324		SWS	33	8							44 ± 10
IDO1702S		SWS	34	5	44	8	41	7	43	7	43 ± 5
WA 8325		Club	32	10							43 ± 10
IDO1802S		SWS	31	11							41 ± 10
WB6211 CLP	CL+	SWS	29	13							40 ± 10
IDO1902S		SWS	27	15							38 ± 10
UI Cookie		SWS	27	14	33	9	32	8	32	8	32 ± 5
		Average	33		45		43		43		43
		LSD (0.05)	3								
		CV (%)	6								

*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
WA 8321	SWS		26.1	58.3	8.0	6/3
WA 8323	SWS		26.7	57.1	7.7	6/3
Seahawk	SWS	MD	24.3	58.2	8.4	6/4
Tekoa	SWS	MD	27.9	58.2	8.5	6/8
WB6341	SWS	MD	23.3	58.7	7.6	6/2
WB6121	SWS	D	25.2	60.0	8.4	6/2
Ryan	SWS	MD	26.3	58.8	7.5	6/1
Louise	SWS	MD	29.3	57.3	8.2	6/4
WA 8324	SWS		25.2	58.3	7.9	6/2
IDO1702S	SWS		23.6	61.8	8.1	5/31
WA 8325	Club		25.3	60.0	8.5	6/2
IDO1802S	SWS		23.0	59.5	8.5	6/1
WB6211 CLP	SWS		25.6	57.9	8.6	6/3
IDO1902S	SWS		24.7	59.7	8.9	6/2
UI Cookie	SWS		25.6	59.1	8.8	5/31
	Average		25.5	58.9	8.2	6/2
	LSD		1.0	0.8	0.4	0.7
	CV (%)		3	1	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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Site Description: Trial was relatively uniform.

Planting Date: 3-10-2021

Harvest Date: 7-16-2021

Site Location: 45.72471, -118.62312

Fertility: 68-8-0-16S Prior to Planting

Planting Method: Conventional Drill

Row Spacing: 7.5"

Fungicides: None (No Foliar Pathogens Observed)

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice