



**2022 OREGON SOFT 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	
WA8321		SWS	88	1	62	1	62	1			<b>57 ± 6</b>
Tekoa		SWS	80	4	55	4	58	3	55	1	<b>55 ± 5</b>
WA8377		SWS	82	3							<b>54 ± 10</b>
Ryan		SWS	85	2	59	2	59	2	53	2	<b>53 ± 5</b>
Louise		SWS	77	8	55	5	57	4	52	3	<b>52 ± 5</b>
Seahawk		SWS	72	13	53	10	56	5	52	4	<b>52 ± 5</b>
WB6121		SWS	76	11	55	6	56	7	52	5	<b>52 ± 5</b>
IDO1702S		SWS	79	5	57	3	56	6	51	6	<b>51 ± 5</b>
Roger (WA 8325)		Club	77	10	54	7					<b>50 ± 7</b>
AP Coachman		SWS	74	12							<b>50 ± 6</b>
WB6211 CLP	CL+	SWS	77	9	53	8					<b>49 ± 7</b>
IDO1902S		SWS	77	7	52	11					<b>48 ± 7</b>
UI Cookie		SWS	79	6	53	9	48	8	44	7	<b>44 ± 5</b>
IDO 2101 FHB		SWS	65	15							<b>38 ± 10</b>
IDO1404S		SWS	71	14							<b>37 ± 7</b>
		Average	77		55		56		51		<b>50</b>
		LSD (0.05)	4								
		CV (%)	3.9								

\*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
WA8321	SWS		37.8	61.3	7.8	6/16
Tekoa	SWS	MD	36.6	61.6	7.5	6/17
WA8377	SWS		38.4	60.9	7.8	6/15
Ryan	SWS	MD	36.5	59.6	7.5	6/12
Louise	SWS	MD	39.7	60.3	7.5	6/17
Seahawk	SWS	MD	36.6	60.9	8.1	6/17
WB6121	SWS	D	34.0	61.5	8.4	6/14
IDO1702S	SWS		35.0	61.7	8.6	6/13
Roger (WA 8325)	Club		35.9	61.9	7.9	6/14
AP Coachman	SWS	A	38.4	58.8	7.8	6/17
WB6211 CLP	SWS		35.2	60.5	8.1	6/14
IDO1902S	SWS		35.8	61.9	8.1	6/15
UI Cookie	SWS	MD	36.2	59.7	7.8	6/13
IDO 2101 FHB	SWS		35.0	62.0	8.0	6/16
IDO1404S	SWS		35.2	60.4	7.8	6/16
	Average		36.4	60.9	7.9	6/15
	LSD (0.05)		1.1	0.7	0.3	1.0
	CV (%)		2.1	0.8	2.8	

\*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: 3-29-2022

Harvest Date: 8-5-2022

Site Location: 45.7184, -118.6278

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

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