



**2021 OREGON SOFT SPRING WHEAT YIELD TRIALS
Madras (Irrigated)**



Site Description: Irrigation was shut off before plants were mature, leading to
low yields and test weights.

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	
WB6341		SWS	55	6	93	2	98	1			98 ± 11
WB6121		SWS	69	1	93	1	91	2			91 ± 11
UI Cookie		SWS	60	3	91	4					91 ± 14
IDO1702S		SWS	63	2	91	5					90 ± 14
IDO1902S		SWS	55	4							89 ± 20
IDO1802S		SWS	54	7							88 ± 20
WA 8324		SWS	53	8							87 ± 20
Seahawk		SWS	53	9	84	7	86	3			86 ± 11
Ryan		SWS	55	5	92	3	86	4			86 ± 11
WA 8325		Club	52	10							85 ± 20
Tekoa		SWS	42	13	86	6	82	5			82 ± 11
WB6211 CLP	CL+	SWS	48	11							82 ± 20
WA 8323		SWS	45	12							79 ± 20
Louise		SWS	31	15	73	8	76	6			76 ± 11
WA 8321		SWS	40	14							74 ± 20
		Average	52		88		87				86
		LSD (0.05)	11								
		CV (%)	15								

*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*	Test Weight lbs/bu	Protein %	Lodging %
WB6341	SWS	MD	46.5	13.2	10.0
WB6121	SWS	D	51.2	13.6	16.3
UI Cookie	SWS		43.9	14.1	7.5
IDO1702S	SWS		48.7	12.8	8.8
IDO1902S	SWS		47.1	14.2	12.5
IDO1802S	SWS		45.9	13.7	3.8
WA 8324	SWS		43.4	13.6	40.0
Seahawk	SWS	MD	49.2	15.0	32.5
Ryan	SWS	MD	45.9	13.5	83.8
WA 8325	Club		50.0	13.0	67.5
Tekoa	SWS	MD	45.0	14.9	5.0
WB6211 CLP	SWS		41.8	14.6	21.3
WA 8323	SWS		44.6	14.3	67.5
Louise	SWS	MD	41.6	14.5	80.0
WA 8321	SWS		44.8	13.4	58.8
	Average		46.0	13.9	34.3
	LSD		3.0	0.8	30.7
	CV (%)		4	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: 3-25-2021

Harvest Date: 8-11-2021

Site Location: 44.6803, -121.1483

Planting Method: Conventional Drill

Row Spacing: 7.5"

Plot Length: ~20'

Plot Width: 5'

Trial Design: 4-Replicate Alpha-Lattice