

**2002 statewide variety testing program spring soft wheat test weight data across locations in Oregon.**

Variety/ line <sup>1</sup>	Market class <sup>2</sup>	Corvallis	Hermiston	K-Falls		LaGrande	Lexington	Madras	Moro		Ontario	Scio	10 Site average	10 site % of average
				mineral soil	muck soil				(no-till)					
Test weight (lb/bu)													%	
Alpowa	SW	64.0	65.0	61.5	53.1	51.1	59.5	62.1	59.8	63.5	63.5	60.3	102	
Challis	SW	62.2	63.1	61.6	55.6	44.6	58.9	60.6	58.0	61.8	60.5	58.7	99	
Alturas (IDO 526)	SW	63.6	62.9	59.2	55.6	46.5	59.5	62.1	58.5	61.3	62.0	59.1	100	
IDO 556	Club	64.3	64.0	61.9	53.1	49.8	60.7	61.7	62.3	62.0	64.2	60.4	102	
Jefferson	HR	63.4	64.4	60.6	54.3	46.8	60.3	62.2	60.4	62.9	62.7	59.8	101	
Jubilee	SW	61.5	64.1	60.6	54.6	45.1	60.6	61.7	60.4	60.9	60.7	59.0	100	
Penawawa	SW	62.4	64.2	60.0	54.7	46.2	58.1	59.6	58.5	62.8	61.3	58.8	99	
WA 007902	Club	62.2	63.6	61.9	55.3	50.6	60.5	61.8	60.6	61.0	62.4	60.0	101	
WA 007905	SW	62.3	63.9	60.3	56.5	49.3	59.3	60.2	58.9	61.6	61.8	59.4	100	
Wawawai	SW	61.9	64.8	60.9	55.0	46.6	59.5	61.6	60.0	62.5	61.3	59.4	100	
Whitebird	SW	58.0	64.3	62.6	55.6	45.1	59.7	61.8	59.8	60.9	60.9	58.9	99	
Winsome	HW	61.9	64.3	56.5	51.9	42.8	59.5	59.1	58.4	62.2	62.7	57.9	98	
ZAK	SW	62.9	63.8	58.7	52.4	46.8	58.8	61.4	59.1	61.2	61.9	58.7	99	
ML 411-2-12	SW	—	—	—	—	—	—	60.4	—	—	—	60.4		
Trial Mean		62.3	64.0	60.5	54.4	47.0	59.6	61.2	59.6	61.8	61.9	59.2		
CV		1.9	0.4	2.4	1.9	3.3	0.7	1.6	1.1	0.7	2.2			
PLSD (0.05)		2.0	0.4	2.4	1.7	2.6	0.7	1.6	1.1	0.7	ns			
PLSD (0.10)		1.6	0.3	2.0	1.4	2.1	0.6	1.3	0.9	0.6	ns			
Pr>F		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15			

<sup>1</sup> All seed was treated with fungicide and insecticidal seed treatment prior to planting. Seeding rate was 30 seeds per sq. ft for all trials except Lexington, Moro no-till, and Pendleton where seeding rate was 20 seeds per sq. ft. unless otherwise noted.

Soft wheats are added for direct yield comparisons between classes. Plots managed for hard wheat protein levels.

<sup>2</sup> SW = soft white, HW = hard white, HR = hard red.

<sup>3</sup> Hermiston, Klamath Falls, LaGrande, Madras and Ontario are irrigated sites. All other locations are dryland. Mechanical problems with LaGrande irrigation may have decreased test weight.