2002 statewide variety testing program winter cereal grain protein data across locations in Oregon.

Variety/ line[1]	Market class[2]	Location[3]									Across-site average	Across-site % of average
		Corvallis	Hermiston	LaGrande	Lexington	Madras	Moro	Moro (no till)	Ontario	Pendleton		
		Protein (NIR @ 12% moisture)										
Alzo	Trit	7.9	—	—	11.1	12.8	11.2	11.2	7.6	13.4	10.7	99
ARS-96277	SW	8.2	11.3	14.4	12.5	10.8	12.3	11.4	8.6	11.5	11.2	104
Bogo	Trit	9.3	—	—	11.6	12.6	13.1	12.1	7.6	14.6	11.5	107
Boundry	HR	9.2	11.3	12.0	12.6	11.1	12.4	10.2	8.3	12.4	11.1	102
Bruehl	Club	8.2	11.0	13.7	12.5	10.9	11.4	11.3	7.8	12.3	11.0	102
Brundage-96	SW	7.8	10.3	13.0	12.1	11.0	11.5	10.7	7.3	12.1	10.7	99
Chukar	SW	7.1	10.1	13.6	12.9	10.3	9.5	9.9	7.2	11.7	10.3	95
Coda	Club	8.2	11.7	13.6	12.2	12.5	10.7	10.6	7.6	12.3	11.0	102
Connie	Durum	10.6	10.5	14.9	—	12.2	12.4	11.5	8.5	12.7	11.7	108
DW (IDO-513)	HR	8.4	11.1	13.8	11.9	12.8	11.3	10.8	8.3	12.0	11.2	103
Edwin	Club	8.5	10.4	14.5	12.4	11.3	11.0	10.9	8.1	11.8	11.0	102
Finch	Club	8.8	11.3	14.3	12.5	11.5	10.2	10.6	7.4	11.3	10.9	101
Foote	SW	7.8	10.6	13.4	—	10.9	10.2	10.7	8.1	10.9	10.3	96
Gary (ID550)	HW	8.8	10.8	12.7	11.8	11.2	10.9	10.9	7.4	10.7	10.6	98
Gene	SW	8.2	10.4	13.7	12.2	10.5	10.5	10.7	8.8	12.1	10.8	100
Hiller	Club	8.6	9.6	13.1	12.4	11.1	10.9	10.3	8.1	11.0	10.6	98
Hubbard (ID10420A)	SW	8.2	9.4	13.2	12.5	9.7	11.9	10.2	7.1	11.8	10.5	97
ID17113A	SW	8.4	9.9	13.8	12.3	11.5	11.3	10.4	7.6	12.3	10.8	100
ID-9134302A	SW	9.5	10.3	13.8	12.7	10.7	12.9	10.5	7.7	11.0	11.0	102
IDO-517	HR	9.7	11.6	14.8	12.9	11.0	11.0	11.5	8.4	12.1	11.4	106
IDO-571	HR	8.8	11.8	14.2	12.5	12.2	13.5	10.5	8.7	12.6	11.7	108
IDO-576	SW	8.0	9.7	12.9	13.9	10.0	10.8	10.3	7.6	10.9	10.4	97
IDO-587	CF-SW	8.6	10.6	13.3	12.8	10.3	10.3	11.4	7.9	12.6	10.9	101
IDO-588	CF-SW	9.0	11.0	13.2	12.7	10.7	12.0	10.4	8.3	11.7	11.0	102
Lambert	SW	8.4	9.9	12.3	13.7	11.1	10.4	10.5	8.2	10.7	10.6	98
Madsen	SW	8.6	11.0	13.2	12.6	11.2	11.4	10.9	7.6	11.5	10.9	101
Madsen/Stephens mix	SW	8.3	11.0	12.7	12.5	11.0	10.3	10.9	7.8	12.2	10.7	99
Malcolm	SW	8.5	12.0	13.4	—	12.3	11.6	11.3	7.3	11.6	11.0	102
NPBEX 001	CF-SW	8.4	10.9	14.2	—	12.3	9.0	11.4	—	12.7	11.3	105
NPBEX 002	CF-SW	9.0	11.8	13.7	—	11.4	10.9	10.7	—	11.6	11.3	105
OR 2010010	CF-SW	9.3	10.8	13.0	12.1	11.6	11.0	10.2	8.7	11.5	10.9	101
OR 2010051	CF-SW	9.0	11.2	13.8	12.6	10.2	10.4	10.2	8.4	11.5	10.8	100
OR 850513-8	HW	9.1	11.7	13.5	13.0	11.1	9.9	10.7	8.2	12.1	11.0	102
OR 941550	SW	8.6	11.0	13.2	12.5	10.7	8.7	10.4	8.1	11.3	10.5	97
OR 941904	SW	8.0	11.0	14.3	12.2	12.7	11.2	10.1	7.5	11.4	10.9	101
OR 942496	HW	9.4	12.0	13.8	13.2	11.7	11.0	10.5	8.3	11.2	11.2	104
OR 951431	SW	8.2	11.1	12.9	—	10.4	9.5	10.0	8.1	12.1	10.3	95
OR 9900548	SW	8.3	10.5	12.1	13.1	10.7	9.3	10.7	7.2	10.9	10.3	96
Rely	Club	8.1	9.7	13.1	12.4	12.9	8.2	10.0	7.4	12.1	10.4	97
Rod	SW	7.6	10.7	12.2	12.5	10.3	9.8	10.0	7.1	11.2	10.2	94
Rohde	Club	8.8	10.3	14.2	12.3	10.4	10.0	9.5	7.4	11.4	10.5	97
Stephens	SW	8.5	9.8	13.4	12.6	11.3	10.9	10.3	7.7	11.0	10.6	98
Temple	Club	8.7	9.7	12.5	12.9	10.1	10.5	10.4	8.1	12.0	10.5	98
Tubbs (OR 939526)	SW	8.3	9.6	13.4	11.9	11.6	10.5	9.8	7.8	11.4	10.5	97
Weatherford	SW	8.4	10.1	13.9	12.4	11.9	9.8	10.7	7.7	12.4	10.8	100

2002 statewide variety testing program winter cereal grain protein data across locations in Oregon.

Variety/ line[1]	Market class[2]	Location[3] Corvallis	Hermiston	LaGrande	Lexington	Madras	Moro	Moro (no till)	Ontario	Pendleton	Across-site average	Across-site % of average
		Protein (NIR @ 12% moisture)										
Yamhill	SW	8.6	10.1	13.2	—		9.5	10.2	7.8	12.7	10.3	95
Kolding Oat	Oat	—	—	—	14.1	—	—	—	—	—	—	—
Trial Mean		8.5	10.6	13.4	12.5	11.2	10.8	10.6	7.8	11.8	10.8	
CV		4.8	10.4	4.0	7.1	11.5	16.5	7.6	4.0	5.9		
PLSD (0.05)		0.6	1.8	0.8	ns[4]	2.1	2.8	ns	0.5	1.1		
PLSD (0.10)		0.5	1.5	0.7	ns	1.7	2.4	ns	0.4	0.9		
Pr>F		0.00	0.03	0.00	0.30	0.00	0.00	0.23	0.00	0.00		

[1] 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, Moro no-till, and Pendleton where seeding rate was 20 seeds per sq. ft.

[2] SW = soft white, HW = hard white, HR = hard red, CF = Clearfield herbicide resistant, Trit = triticale

[3] Hermiston, LaGrande and Ontario are irrigated sites. All other locations are dryland. Mechanical problems with LaGrande irrigation may have . adversly affected protein.

[4] ns= non-significant