

-----  
**Winter Wheat**  
 -----

Table 3. Winter wheat variety performance results at Nezperce, 2004-2005.

Variety or Selection	Seed Yield bu/acre	Seed Protein %	Hardness Score 0-100	Test Weight lb/bu	Plant Height inches
<b><u>Soft White</u></b>					
Albion	99	10.3	10	58.8	38
Brundage 96	104	9.2	11	60.3	38
Cashup	101	9.3	8	61.0	37
Finch	107	9.6	11	60.7	43
Hubbard	100	9.9	13	60.6	49
IDO 587	98	10.5	12	59.6	38
Lambert	105	9.3	16	60.0	43
Madsen	98	10.6	13	59.4	40
Masami	95	10.1	15	57.8	41
Mohler	109	9.8	13	60.2	41
ORCF-101	101	10.8	15	61.2	39
ORCF-102	99	10.6	11	59.5	41
Rod	105	10.3	17	58.8	39
Simon	105	10.7	15	60.6	40
Stephens	103	10.2	13	60.1	38
Tubbs	109	9.9	19	58.9	41
WestBred 528	106	10.1	15	61.8	39
ID91-20503A (Dune)	103	9.8	15	61.1	38
ID92-16004A	105	9.9	5	59.3	41
IDO 620	103	10.1	6	57.3	44
OR 9801757	110	8.8	7	59.7	41
89S88D (Concept)	105	9.4	5	61.0	37
<b>Average</b>	103	10.0	12	59.9	40
<b><u>Hard Red</u></b>					
Boundary	103	10.1	72	61.7	41
Moreland	83	10.1	60	60.5	37
<b>Average</b>	93	10.1	66	61.1	39
<b><u>Club</u></b>					
Chukar	102	10.2	13	59.8	43
Coda	96	10.7	18	63.0	44
Hiller	101	9.5	11	58.7	40
Rohde	101	10.1	18	62.9	40
Temple	104	9.7	12	61.7	43
<b>Average</b>	101	10.0	14	61.2	42
Overall Average	102	10.0	16	60.2	40
LSD (0.10)	5	--	--	0.8	1
CV (%)	4	--	--	1.1	2

Table 4. Winter wheat variety performance results at Lewiston, 2004-2005.

Variety or Selection	Seed Yield bu/acre	Seed Protein %	Hardness Score 0-100	Test Weight lb/bu	Plant Height inches	Lodging %
<b><u>Soft White</u></b>						
Albion	87	12.3	7	55.3	41	5
Brundage 96	100	11.5	12	59.4	43	17
Cashup	94	11.4	10	59.0	43	14
Finch	97	11.7	14	59.8	49	37
Hubbard	80	12.2	12	58.5	50	28
IDO 587	88	12.9	16	55.7	44	67
Lambert	99	11.6	19	57.4	50	78
Madsen	101	12.1	18	59.9	45	12
Masami	83	12.0	17	56.0	48	56
Mohler	89	12.5	16	57.1	46	93
ORCF-101	95	12.5	18	58.3	44	0
ORCF-102	97	12.6	17	59.2	47	37
Rod	87	11.6	19	56.8	44	72
Simon	99	11.7	18	58.6	46	11
Stephens	95	11.7	15	56.9	44	53
Tubbs	92	12.0	13	55.5	47	30
WestBred 528	104	11.9	18	60.4	43	53
ID91-20503A (Dune)	85	11.8	15	57.3	44	11
ID92-16004A	105	12.3	8	58.2	46	22
IDO 620	63	12.6	10	55.4	46	98
OR 9801757	88	11.8	7	55.8	44	92
89S88D (Concept)	103	11.3	7	60.1	43	9
<b>Average</b>	92	12.0	14	57.8	45	41
<b><u>Hard Red</u></b>						
Boundary	67	10.7	60	61.2	47	51
Moreland	16	12.9	54	48.0	42	5
<b>Average</b>	42	11.8	57	54.6	45	28
<b><u>Club</u></b>						
Chukar	93	11.4	26	59.0	50	50
Coda	77	13.2	31	59.1	49	86
Hiller	82	11.5	23	55.7	45	52
Rohde	87	11.5	33	61.1	46	72
Temple	82	11.2	25	59.6	50	81
<b>Average</b>	84	11.8	27	58.9	48	68
Overall Average*	90	11.9	18	58.1	46	46
LSD (0.10)	10	--	--	1.4	2	24
CV (%)	9	--	--	2.1	3	47

\* Overall average does not include 'Moreland'

Table 5. Winter wheat variety performance results at Genesee, 2004-2005.

Variety or Selection	Seed Yield bu/acre	Seed Protein %	Hardness Score 0-100	Test Weight lb/bu	Plant Height inches
<b><u>Soft White</u></b>					
Albion	83	11.9	3	57.5	37
Brundage 96	79	11.6	5	58.9	37
Cashup	78	11.0	3	58.5	37
Finch	74	11.1	7	59.4	41
Hubbard	81	11.8	8	59.7	47
IDO 587	92	12.1	6	60.2	38
Lambert	90	11.2	9	59.3	41
Madsen	79	12.5	9	59.1	38
Masami	79	11.3	11	57.5	40
Mohler	92	12.2	7	58.6	40
ORCF-101	91	12.0	12	60.3	38
ORCF-102	93	12.4	10	59.7	41
Rod	78	11.1	9	58.6	38
Simon	89	11.2	11	59.4	41
Stephens	94	11.7	7	59.6	38
Tubbs	90	11.6	9	57.5	40
WestBred 528	94	11.5	12	62.1	38
ID91-20503A (Dune)	86	11.6	9	59.1	37
ID92-16004A	79	11.4	6	58.4	39
IDO 620	80	11.4	6	59.0	41
OR 9801757	94	10.9	4	59.5	41
89S88D (Concept)	78	11.0	4	58.4	37
<b>Average</b>	85	11.6	8	59.1	39
<b><u>Hard Red</u></b>					
Boundary	81	11.5	64	60.7	41
Moreland	71	11.3	53	60.3	36
<b>Average</b>	76	11.4	59	60.5	39
<b><u>Club</u></b>					
Chukar	81	11.3	15	59.4	41
Coda	82	11.9	11	61.2	41
Hiller	78	11.3	9	56.5	38
Rohde	82	11.2	13	61.8	39
Temple	75	10.9	11	59.5	41
<b>Average</b>	80	11.3	11	59.7	40
Overall Average	84	11.5	12	59.3	39
LSD (0.10)	9	--	--	1.4	2
CV (%)	9	--	--	1.9	4

Table 6. Winter wheat variety performance results at Moscow, 2004-2005.

Variety or Selection	Seed Yield bu/acre	Seed Protein %	Hardness Score 0-100	Test Weight lb/bu	Plant Height inches
<b><u>Soft White</u></b>					
Albion	127	9.4	9	60.9	39
Brundage 96	135	9.4	12	61.4	42
Cashup	138	9.4	5	62.3	41
Finch	137	9.6	17	62.7	44
Hubbard	116	8.9	11	60.2	49
IDO 587	134	9.6	15	62.1	40
Lambert	146	8.7	15	62.0	48
Madsen	132	10.4	19	61.8	42
Masami	127	9.1	19	60.7	42
Mohler	141	9.3	16	62.3	43
ORCF-101	129	9.9	15	62.0	41
ORCF-102	138	9.7	17	62.2	44
Rod	139	8.8	21	62.0	41
Simon	137	9.8	20	61.7	43
Stephens	138	9.4	18	62.3	41
Tubbs	139	8.6	20	60.7	43
WestBred 528	132	9.5	16	63.0	41
ID91-20503A (Dune)	105	9.7	17	60.7	39
ID92-16004A	137	8.9	9	61.9	43
IDO 620	127	8.9	9	60.3	44
OR 9801757	144	8.4	9	60.7	46
89S88D (Concept)	139	9.2	9	62.4	41
<b>Average</b>	134	9.3	14	61.7	43
<b><u>Hard Red</u></b>					
Boundary	109	9.8	69	61.9	42
Moreland	22	13.1	50	47.9	39
<b>Average</b>	66	11.5	59	54.9	41
<b><u>Club</u></b>					
Chukar	132	8.9	17	61.1	45
Coda	127	9.6	25	63.6	47
Hiller	126	8.9	12	59.0	43
Rohde	127	10.2	20	63.8	44
Temple	127	9.0	18	62.3	47
<b>Average</b>	128	9.3	18	62.0	45
Overall Average*	132	9.3	17	61.7	43
LSD (0.10)	5	--	--	0.4	1
CV (%)	3	--	--	0.5	2

\* Overall average does not include 'Moreland'

Table 7. Winter wheat variety performance results at Bonners Ferry, 2004-2005.

Variety or Selection	Seed Yield bu/acre	Seed Protein %	Hardness Score 0-100	Test Weight lb/bu	Plant Height inches	Lodging %
<b><u>Soft White</u></b>						
Albion	70	11.6	0	47.2	28	42
Brundage 96	101	10.9	4	54.5	32	19
Cashup	82	12.8	6	52.6	31	48
Finch	74	12.3	3	50.9	33	51
Hubbard	85	10.5	2	53.6	41	22
IDO 587	84	12.3	9	52.4	29	33
Lambert	91	11.9	11	52.6	33	31
Madsen	81	11.6	8	52.7	34	25
Masami	81	11.2	11	51.2	33	49
Mohler	105	11.2	5	54.6	35	59
ORCF-101	82	11.5	4	52.5	31	17
ORCF-102	89	11.0	9	55.6	34	33
Rod	83	11.6	9	51.9	30	43
Simon	75	11.5	7	53.3	33	19
Stephens	91	11.6	7	52.9	29	34
Tubbs	86	11.3	7	49.6	34	17
WestBred 528	107	11.2	13	57.2	33	30
ID91-20503A (Dune)	96	10.9	4	53.4	31	30
ID92-16004A	87	10.4	1	53.2	31	36
IDO 620	43	12.1	2	51.5	25	100
OR 9801757	82	10.5	1	53.6	32	30
89S88D (Concept)	76	12.4	3	53.4	30	48
<b>Average</b>	84	11.5	6	52.7	32	37
<b><u>Hard Red</u></b>						
Boundary	66	11.1	54	56.9	30	35
Moreland	33	11.8	50	55.1	25	34
<b>Average</b>	50	11.5	52	56.0	28	35
<b><u>Club</u></b>						
Chukar	86	11.6	5	51.6	33	21
Coda	77	11.5	5	55.1	31	47
Hiller	77	11.7	2	50.3	31	19
Rohde	96	10.7	6	55.1	32	29
Temple	71	11.0	2	51.8	34	22
<b>Average</b>	81	11.3	4	52.8	32	28
Overall Average*	83	11.4	7	52.9	32	35
LSD (0.10)	9	--	--	1.0	3	9
CV (%)	10	--	--	1.6	7	23

\* Overall average does not include 'Moreland'

Table 8. Combined winter wheat performance data for Nezperce, Lewiston, Genesee, Moscow and Bonners Ferry, 2004-2005

Variety or Selection	Seed Yield						-----Average of 5 sites-----				
	Nezperce	Lewstn.	Genesee	Moscow	B. Ferry	Average	Seed Protein	Hardness Score	Test Weight	Plant Height	Lodging*
	-----bu/acre-----						%	0-100	lb/bu	inches	%
<b>Soft White</b>											
Albion	99	87	83	127	70	93	11.1	6	55.9	37	24
Brundage 96	104	100	79	135	101	104	10.5	9	58.9	38	18
Cashup	101	94	78	138	82	99	10.8	6	58.7	38	31
Finch	107	97	74	137	74	98	10.9	10	58.7	42	44
Hubbard	100	80	81	116	85	92	10.7	9	58.5	47	25
IDO 587	98	88	92	134	84	99	11.5	11	58.0	38	50
Lambert	105	99	90	146	91	106	10.5	14	58.3	43	55
Madsen	98	101	79	132	81	98	11.4	13	58.6	40	19
Masami	95	83	79	127	81	93	10.7	15	56.6	41	53
Mohler	109	89	92	141	105	107	11.0	11	58.6	41	76
ORCF-101	101	95	91	129	82	100	11.3	13	58.9	39	9
ORCF-102	99	97	93	138	89	103	11.3	13	59.2	41	35
Rod	105	87	78	139	83	98	10.7	15	57.6	38	58
Simon	105	99	89	137	75	101	11.0	14	58.7	41	15
Stephens	103	95	94	138	91	104	10.9	12	58.4	38	44
Tubbs	109	92	90	139	86	103	10.7	13	56.4	41	24
WestBred 528	106	104	94	132	107	109	10.8	15	60.9	39	42
ID91-20503A(Dune)	103	85	86	105	96	95	10.8	12	58.3	38	21
ID92-16004A	105	105	79	137	87	103	10.6	6	58.2	40	29
IDO 620	103	63	80	127	43	83	11.0	6	56.7	40	99
OR 9801757	110	88	94	144	82	104	10.1	6	57.9	41	61
89S88D(Concept)	105	103	78	139	76	100	10.7	6	59.1	38	29
<b>Average</b>	103	92	85	134	84	100	10.9	11	58.2	40	39
<b>Hard Red</b>											
Boundary	103	67	81	109	66	85	10.6	64	60.5	40	43
Moreland	83	16	71	22	33	45	11.8	54	54.4	36	20
<b>Average</b>	93	42	76	66	50	65	11.2	59	57.4	38	31
<b>Club</b>											
Chukar	102	93	81	132	86	99	10.7	15	58.2	42	36
Coda	96	77	82	127	77	92	11.4	18	60.4	42	67
Hiller	101	82	78	126	77	93	10.6	11	56.0	39	36
Rohde	101	87	82	127	96	99	10.7	18	60.9	40	51
Temple	104	82	75	127	71	92	10.4	13	59.0	43	52
<b>Average</b>	101	84	80	128	81	95	10.7	15	58.9	41	48
Overall Average <sup>+</sup>	102	90	84	132	83	98	10.8	13	58.4	40	41
LSD (0.10)	5	10	9	5	9	4	--	--	1.0	2	17
CV (%)	4	9	9	3	10	--	--	--	--	--	--

\* Lodging data are average of Lewiston and Bonners Ferry

+ Overall average does not include 'Moreland'

Table 9. Grain yield averages for winter wheat varieties tested for three years in northern Idaho.

Variety or Selection	2002-2003	2003-2004	2004-2005	Average
Number of Sites	5	5	5	15
	-----bu/acre-----			
<b><u>Soft White</u></b>				
Albion	91	106	93	97
Brundage 96	97	107	104	103
Cashup	91	101	99	97
Finch	90	105	98	98
Hubbard	95	111	92	99
Lambert	99	111	106	105
Madsen	92	103	98	98
Mohler	97	113	107	106
ORCF-101	94	102	100	99
Rod	90	107	98	98
Simon	97	104	101	101
Stephens	91	110	104	102
Tubbs	102	111	103	105
IDO 587	93	111	99	101
WestBred 528	105	110	108	108
ID91-20503A (Dune)	96	109	95	100
<b>Average</b>	95	108	100	101
<b><u>Hard Red</u></b>				
Boundary	89	107	85	94
Moreland	91	91	45	76
<b>Average</b>	90	99	65	85
<b><u>Club</u></b>				
Chukar	86	104	99	96
Coda	87	107	92	95
Hiller	89	101	93	94
Rohde	95	109	99	101
Temple	84	100	92	92
<b>Average</b>	88	104	95	96
Overall Average	93	106	98 *	99
LSD (0.10)	4	5	4	--

\* Overall average does not include 'Moreland'