HARD RED/HARD WHITE WINTER WHEAT ..... COMPARABLE CHARACTERISTICS

VARIETY	ORIGINATOR	RELEASE DATE	SEED CLASS AVAILABILITY	GLUME	AWN	PLANT HEIGHT INCHES	EMER-GENCE	WINTER* SURVIVAL INDEX	DAYS TO HEAD	TEST WEIGHT (LBS/BU)	PRECIPITATION ZONE (INCHES) <12"	12-16"	>16"	<12"	12-16"	>16"	DISEASE REACTION* COM-MON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	CEPH. STRIPE TOLER-ANCE INDEX*	STRAW-BREAKER FOOT ROT	SNOW MOLD	QUALITY RATING	VAR
											---------% Protein---------			-----Yield as a % of Finley-----												
Hard Red																										
AgriPro Paladin	AgriPro Wheat	2005	Certified	White	Awned	31	Moderate	6	167	60.7	13.1	12.6	12.6	73	95	104	- -	- -	- -	R	S	3	S	MR	Most desirable	AgriPro Palac
Bauermeister	WSU	2005	Certified	White	Awned	36	Mod-High	6	172	59.2	11.9	12.5	11.9	107	103	114	- -	MR	- -	R	MR	- -	- -	MS	Acceptable	Bauermeister
Boundary	UI	1997	Certified	White	Awnless	33	High	8	169	60.2	12.1	12.2	11.8	98	121	122	MR	MR	- -	R	MS	- -	- -	MR	Least desirable	Boundary
Declo	Sunderman Breeding	1999	Certified	White	Awned	31	Moderate	4	168	59.0	13.3	12.9	12.7	61	81	99	- -	- -	- -	- -	S	- -	- -	S	Acceptable	Declo
Eddy	Wesbred LLC	2005	Certified	White	Awned	32	Moderate	6	165	61.3	13.2	12.3	12.2	85	107	110	- -	- -	- -	R	MS	2	S	MR	Most desirable	Eddy
Esperia	Allstar Inc.	2002	--	White	Awned	28	--	6	162	60.3	13.9	12.9	12.5	63	114	118	- -	- -	- -	- -	MS	- -	- -	- -	- -	Esperia
Farnum	WSU	2008	Certified	Tan	Awned	40	Moderate	6	173	59.0	12.2	12.8	12.7	107	93	97	- -	- -	- -	- -	R	- -	- -	MR	Desirable	Farnum
Finley	WSU	1997	Certified	Red	Awned	40	High	6	166	61.8	12.2	12.6	12.4	100	100	100	- -	S	- -	MS	MS	- -	S	MR	Most desirable	Finley
Norwest 553	OSU	2007	Certified	White	Awned	30	Moderate	4	168	61.4	12.8	12.7	12.3	80	116	137	- -	- -	- -	- -	R	- -	- -	S	Acceptable	Norwest 553
WB-Rimrock	Westbred LLC	2009	Certified	White	Awned	33	Moderate	5	164	60.1	12.3	11.8	11.8	85	106	112	- -	- -	- -	- -	S	- -	- -	- -	Acceptable	WB-Rimrock
WB-Tucson+	Westbred LLC	--	Certified	White	Awned	30	--	--	151	61.9	13.0	12.3	11.9	94	101	126	- -	- -	- -	- -	MS	- -	- -	- -	- -	WB-Tucson
Whetstone	AgriPro Wheat	2008	Certified	White	Awned	33	Moderate	5	161	61.1	13.0	12.8	12.6	83	109	113	- -	S	- -	- -	MS	- -	- -	- -	Most desirable	Whetstone
Hard White																										**Hard White**
MDM	WSU	2005	Certified	White	Awned	35	Mod-High	5	172	59.6	11.2	11.6	11.5	105	109	116	- -	- -	- -	S	MS	- -	- -	MS	Acceptable	MDM
UICF Grace (CLEARFIELD®)	UI	2009	Foundation	White	Awned	43	--	6	166	59.9	12.4	12.7	12.2	88	98	104	- -	R	- -	- -	MR	- -	- -	- -	- -	UICF Grace
UI Silver	UI	2009	Foundation	Brown	Awned	35	--	6	168	61.7	11.7	11.6	11.2	100	116	124	- -	R	- -	- -	MR	- -	- -	- -	- -	UI Silver
												Yield of Finley (BU/A)		*41*	*86*	*94*										

+ 2009 data only

SOFT WHITE COMMON WHEAT ..... COMPARABLE CHARACTERISTICS

VARIETY	ORIGINATOR	RELEASE DATE	SEED CLASS AVAILABILITY	GLUME	AWN	PLANT HEIGHT INCHES	EMER-GENCE	WINTER* SURVIVAL INDEX	DAYS TO HEAD	TEST WEIGHT (LBS/BU)	PRECIPITATION ZONE (INCHES) <12"	12-16"	16"-20"	>20"	Irrigated	DISEASE REACTION* COM-MON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	CEPH. STRIPE TOLER-ANCE INDEX*	STRAW-BREAKER FOOT ROT	SNOW MOLD	QUALITY RATING	VAR
											----------Yield as a % of Madsen----------														
AP700 CL (CLEARFIELD®)	AgriPro Wheat	2007	Certified	White	Awned	37	Moderate	5	168	59.3	97	97	99	109	104	- -	- -	- -	MR	MR	3	MS	MR	Acceptable	AP700 CL (CL
AP Legacy	AgriPro Wheat	2009	Certified	White	Awned	37	Moderate	5	169	59.4	118	109	98	108	106	- -	- -	- -	- -	S	- -	- -	- -	- -	AP Legacy
Bitterroot	UI	2007	Certified	White	Awned	38	Moderate	6	171	59.8	105	96	95	102	101	- -	MR	- -	- -	MR	5	S	- -	- -	Bitterroot
Brundage 96	UI	2001	Certified	White	Awnletted	35	Mod-High	6	167	59.1	108	108	100	102	106	S	S	- -	R	MR	4	MS	MS	Most desirable	Brundage 96
Bruneau	UI	2009	Certified	White	Awned	35	--	4	170	60.0	100	107	101	111	111		S	- -	- -	R	- -	S	- -	- -	Bruneau
Eltan	USDA-ARS/WSU	1990	Certified	White	Awned	37	High	8	173	59.3	124	99	91	104	99	MR	MR	- -	- -	MR	6	S	MR	Desirable	Eltan
Lambert	UI	1994	Certified	White	Awned	37	Mod-High	4	168	58.9	92	92	86	100	108	S	S	- -	S	MS	3	MS	S	Desirable	Lambert
Legion	AgriPro Wheat	2008	Certified	White	Awned	38	Moderate	5	169	58.6	116	100	103	115	109	- -	S	- -	- -	MR	2	MS	- -	Desirable	Legion
Madsen	USDA-ARS/WSU	1988	Certified	White-Brown	Awned	36	Moderate	5	171	59.6	100	100	100	100	100	R	MR	MS	MR	R	5	R	S	Acceptable	Madsen
Masami	WSU	2004	Certified	White	Awned	37	Moderate	7	172	58.2	124	105	94	105	87	- -	S	- -	R	MS	5	R	MS	Desirable	Masami
ORCF-102 (CLEARFIELD®)	OSU	2004	Certified	White	Awned	38	Moderate	4	169	60.1	105	104	106	109	111	- -	S	- -	R	MS	2	MR	MR	Desirable	ORCF-102 (CI
ORCF-103 (CLEARFIELD®)	OSU	2008	Certified	White	Awned	35	Moderate	6	171	59.0	118	98	97	107	94	- -	S	- -	- -	MS	- -	- -	- -	Acceptable	ORCF-103 (CI
Rod	WSU	1992	Certified	White	Awned	35	Moderate	5	171	58.3	105	101	98	108	100	MS	S	MS	MS	MS	5	S	MS	Desirable	Rod
Salute	AgriPro Wheat	2007	Certified	White	Awned	37	Moderate	5	168	58.3	103	100	98	105	103	- -	MS	- -	- -	MR	2	S	MR	Most desirable	Salute
Simon	UI	2003	Certified	White	Awned	36	Moderate	5	169	59.5	103	90	99	104	106	- -	S	- -	R	MR	2	R	S	Desirable	Simon
Skiles	OSU	2008	Certified	White	Awned	34	Moderate	5	170	60.1	108	107	105	99	97	- -	S	- -	- -	R	- -	- -	- -	Desirable	Skiles
Stephens	OSU	1977	Certified	White	Awned	34	Moderate	3	166	59.2	92	93	96	103	108	S	S	MS	MS	MR	1	S	S	Desirable	Stephens
Tubbs 06	OSU	2006	Certified	White	Awned	38	Mod-High	5	169	58.4	111	101	98	103	104	- -	MR	- -	MS	MS	1	MS	MR	Acceptable	Tubbs 06
WB-528	Westbred LLC	2004	Certified	White	Awned	35	Mod-High	5	165	60.9	105	97	96	102	112	- -	- -	- -	R	MS	1	MS	MS	Desirable	WB-528
Xerpha	WSU	2007	Certified	White	Awned	37	Mod-High	6	170	59.0	126	110	98	109	107	- -	MR	- -	- -	MS	6	S	MR	Acceptable	Xerpha
									Yield of Madsen (BU/A)		*38*	*105*	*123*	*118*	*159*										
OTHER VARIETIES - no current (2009 & 2010) Variety Testing data, but seed is available; Yield ratings compared to Madsen: Poor = < -9%; Fair = -4 to -9%; Good = +/- 3%; Very good = +4 to +9%; Excellent = > +9%																									
Goetze	OSU	2007	Certified	White	Awned	--	--	2	--	--	Poor	Poor	Fair	Fair	--	- -	S	- -	MR	MS	- -	MR	- -	Acceptable	Goetze
ORCF-101 (CLEARFIELD®)	OSU	2003	Certified	White	Awned	--	Moderate	3	--	--	Fair	Fair	Very Good	Very Good	Fair	- -	- -	- -	R	MS	1	S	VS	Acceptable	ORCF-101 (CI
WB 456	Westbred LLC	2008	Certified	White	Awned	--	Moderate	4	--	--	Poor	Good	Good	Good	Good	- -	- -	- -	R	- -	2	R	MR	- -	WB 456
WB 523	Westbred LLC	2008	Certified	White	Awned	--	Moderate	5	--	--	Good	Very Good	Very Good	Very Good	Good	- -	- -	- -	- -	- -	2	MS	MR	Desirable	WB 523

SOFT WHITE CLUB WINTER WHEAT ..... COMPARABLE CHARACTERISTICS

VARIETY	ORIGINATOR	RELEASE DATE	SEED CLASS AVAILABILITY	GLUME	AWN	PLANT HEIGHT INCHES	EMER-GENCE	WINTER* SURVIVAL INDEX	DAYS TO HEAD	TEST WEIGHT (LBS/BU)	PRECIPITATION ZONE (INCHES) <12"	12-16"	16"-20"	>20"	Irrigated	DISEASE REACTION* COM-MON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	CEPH. STRIPE TOLER-ANCE INDEX*	STRAW-BREAKER FOOT ROT	SNOW MOLD	QUALITY RATING	VAR
											----------Yield as a % of Bruehl----------														
Bruehl	WSU	2000	Certified	White	Awned	38	Mod-High	6	172	58.1	100	100	100	100	100	MR	MS	- -	MS	R	4	S	MR	Desirable	Bruehl
Cara	USDA-ARS/WSU	2007	Certified	White	Awned	35	Moderate	5	170	58.7	91	107	112	99	91	- -	- -	- -	- -	R	2	R	MS	Most desirable	Cara
Chukar	USDA-ARS/WSU	2001	Certified	White	Awnletted	37	Moderate	5	171	58.8	100	101	112	102	93	- -	S	- -	S	R	6	R	S	Most desirable	Chukar
Coda	USDA-ARS/WSU	1998	Certified	White	Awned	38	Moderate	5	170	61.3	93	95	102	96	91	MS	S	MS	MR	R	7	R	S	Desirable	Coda
									Yield of Bruehl (BU/A)		*45*	*107*	*121*	*123*	*162*										

* Index: VS = Very Susceptible; S = Susceptible; MS = Moderately Susceptible; M = Moderate; MR = Moderately Resistant; R = Resistant; VR = Very Resistant; 1 = Poor; 5 = Medium; 10 = Excellent. - - = Information not available or variety was not common to data set.

Information courtesy of United States Department of Agriculture - Agricultural Research Service and Washington State University. December, 2009.