

WINTER BARLEY

COMPARABLE CHARACTERISTICS

VARIETY	ORIGINATOR	RELEASE DATE	SEED CLASS AVAILABILITY	USE	HEAD TYPE	PLANT HEIGHT INCHES	STRAW STRENGTH	WINTER SURVIVAL INDEX	DAYS TO HEAD	TEST WEIGHT (LBS/BU)	YIELD % of Boyer	FOLIAR DISEASE RESISTANCE	BARLEY STRIPE RUST	VARIETY
Boyer	WSU	1975	Certified	Feed	6-row	31	Mod-Stiff	4	241	49.3	100	Moderate	MS	Boyer
Charles	USDA-ARS/LR	2006	Certified	Malting	2-row	30	Mod-Stiff	3	239	49.3	101	Moderate	--	Charles
Hesk	OSU	1979	Certified	Feed	6-row	--	Mod-Stiff	4	--	--	--	Moderate	S	Hesk
Hundred	WSU	1990	Certified	Feed	6-row	28	Mod-Stiff	4	244	48.7	101	Moderate	S	Hundred
Kamiak	WSU	1971	Certified	Feed	6-row	36	Mod-Stiff	6	233	51.1	105	Moderate	S	Kamiak
Kold	OSU	1993	Certified	Feed	6-row	--	Mod-Stiff	4	--	--	--	Moderate	R	Kold
Strider	OSU	1997	Certified	Feed	6-row	31	Mod-Stiff	4	237	50.9	107	Moderate	MR	Strider
Sunstar Pride	Sunderman Breeding	1998	Certified	Feed	6-row	26	Mod-Stiff	4	246	49.7	108	Moderate	S	Sunstar Pride
Westbred Sprinter	Westbred LLC	1998	Certified	Feed	6-row	30	Mod-Stiff	4	242	48.7	108	Moderate	S	Westbred Sprinter
Hoody	OSU	1999	Certified	Hay	6-row	--	Moderate	4	--	--	--	Moderate	S	Hoody

Yield of Boyer (LB/A) 5485

HARD RED/HARD WHITE WINTER WHEAT

COMPARABLE CHARACTERISTICS

VARIETY	ORIGINATOR	RELEASE DATE	SEED CLASS AVAILABILITY	GLUME	AWN	PLANT HEIGHT INCHES	EMERGENCE	WINTER* SURVIVAL INDEX	DAYS TO HEAD	TEST WEIGHT (LBS/BU)	PRECIPITATION ZONE (INCHES)			DISEASE REACTION*							VARIETY		
											<16"	16"-20"	>20"	COMMON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	STEM RUST	CEPH. STRIPE TOLERANCE INDEX*		STRAW BREAK-ER FOOT ROT	SNOW MOLD
											*% Protein			*Yield as a % of Finley									
HARD RED											<16"	16"-20"	>20"	COMMON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	STEM RUST	CEPH. STRIPE TOLERANCE INDEX*	STRAW BREAK-ER FOOT ROT	SNOW MOLD	VARIETY
AgriPro Paladin	AgriPro Wheat	2005	Certified	White	Awne	30	Moderate	6	260	61.5	13.1	13.2	13.1	--	--	--	R	MS	--	--	--	MR	AgriPro Pala
Bauermeister	WSU	2005	Certified	White	Awne	33	Mod-High	6	266	59.3	12.2	12.5	12.3	MR	MR	--	R	MR	--	--	--	MS	Bauermeister
Boundary	UI	1997	Certified	White	Awnless	30	High	8	262	60.0	12.3	12.7	12.5	MR	MR	--	R	MS	MR	--	--	MR	Boundary
Declo	Sunderman Breeding	1999	Certified	White	Awne	29	Moderate	4	263	60.7	13.5	13.2	13.5	--	--	--	R	MS	--	--	--	S	Declo
Eddy	Westbred LLC	2005	Certified	White	Awne	30	Moderate	6	260	61.3	12.9	12.9	13.2	--	--	--	R	MS	--	--	--	MR	Eddy
Farnum	WSU	2008	Registered	Tan	Awne	36	Moderate	6	267	58.8	12.5	13.5	13.6	--	--	--	R	MR	--	--	--	MR	Farnum
Finley	WSU	1997	Certified	Red	Awne	38	High	6	261	61.7	12.4	13.1	12.2	--	S	--	MS	S	--	--	--	MR	Finley
Juniper	UI	2006	Certified	Bronze	Awne	--	High	6	--	--	--	--	--	--	--	--	R	MR	--	--	--	MR	Juniper
Norwest 553	OSU	2007	Certified	White	Awne	28	Moderate	4	261	60.6	12.8	13.1	12.9	--	--	--	R	MR	--	--	--	S	Norwest 553
Whetstone (W98-344)	AgriPro Wheat	2008	Registered	White	Awne	30	Moderate	5	257	60.8	12.8	13.1	13.2	--	--	--	R	MR	--	--	--	MR	Whetstone (HARD WHIT)
HARD WHITE											<16"	16"-20"	>20"	COMMON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	STEM RUST	CEPH. STRIPE TOLERANCE INDEX*	STRAW BREAK-ER FOOT ROT	SNOW MOLD	VARIETY
MDM	WSU	2005	Certified	White	Awne	32	Mod-High	5	266	60.1	11.6	12.1	11.9	--	--	--	S	MR	--	--	--	MS	MDM
Palomino	AgriPro Wheat	2006	Certified	White	Awne	28	Moderate	6	258	60.7	13.1	13.5	13.3	--	--	--	R	MR	--	--	--	MS	Palomino
UI Darwin	UI	2006	Certified	White	Awne	35	Moderate	7	262	62.0	12.6	13.1	12.2	--	--	--	R	MR	--	--	--	MS	UI Darwin

Yield of Finley (BU/A) 53 85 118

SOFT WHITE COMMON WINTER WHEAT

COMPARABLE CHARACTERISTICS

VARIETY	ORIGINATOR	RELEASE DATE	SEED CLASS AVAILABILITY	GLUME	AWN	PLANT HEIGHT INCHES	EMERGENCE	WINTER* SURVIVAL INDEX	DAYS TO HEAD	TEST WEIGHT (LBS/BU)	PRECIPITATION ZONE (INCHES)			DISEASE REACTION*							VARIETY				
											<16"	16"-20"	>20"	COMMON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	STEM RUST	CEPH. STRIPE TOLERANCE INDEX*		STRAW BREAK-ER FOOT ROT	SNOW MOLD		
											*Yield as a % of Madsen														
Albion	Grant Torrey & CHS, Inc.	1998	Certified	White	Awne	--	Moderate	5	--	--	<16"	16"-20"	>20"	COMMON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	STEM RUST	CEPH. STRIPE TOLERANCE INDEX*	STRAW BREAK-ER FOOT ROT	SNOW MOLD	VARIETY		
AP700 CL (CLEARFIELD®)	AgriPro Wheat	2007	Certified	White	Awne	34	Moderate	5	257	58.7	101	100	116	--	--	--	MR	R	--	--	--	MS	MS	Albion	
Brundage 96	UI	2001	Certified	White	Awnletted	33	Mod-High	5	259	58.4	100	109	109	S	S	--	R	MR	--	4	MS	MR	MS	AP700 CL (CLEARFIELD®)	
Cashup	Col. Basin Seeds	1985	Certified	White	Awne	32	Moderate	7	261	59.6	91	100	102	S	S	MS	MR	R	MS	5	--	MS	MS	Cashup	
Eltan	USDA-ARS/WSU	1990	Certified	White	Awne	35	High	8	264	59.4	108	104	113	MR	MR	--	S	MR	S	6	S	MR	MS	Eltan	
Finch	USDA-ARS/WSU	2001	Certified	White	Awne	34	Moderate	4	264	59.9	104	107	111	--	--	MS	MR	MR	S	6	R	S	MS	Finch	
George	GMG/Peter Goldmark	2004	Certified	White-Brown	Awne	35	Moderate	7	264	58.5	109	105	109	--	--	--	MR	R	--	--	--	MR	S	George	
Lambert	UI	1994	Certified	White	Awne	36	Mod-High	4	257	59.2	103	108	112	S	S	--	S	R	--	3	MS	S	MS	Lambert	
Madsen	USDA-ARS/WSU	1988	Certified	White-Brown	Awne	33	Moderate	5	262	58.9	100	100	100	R	MR	MS	MR	MR	R	5	R	S	MS	Madsen	
Masami	WSU	2004	Certified	White	Awne	34	Moderate	6	263	58.1	104	107	109	--	--	--	R	MR	--	5	R	MS	MS	Masami	
MJ-9	Marcus Jacobson	2004	Certified	White	Awne	32	Moderate	5	261	57.1	100	104	104	--	--	--	R	MR	--	--	--	--	MR	MS	MJ-9
Mohler	Westbred LLC	2002	Certified	White	Awne	--	Moderate	5	--	--	--	--	--	--	--	--	R	MR	--	1	R	S	MR	Mohler	
ORCF-101 (CLEARFIELD®)	OSU	2003	Certified	White	Awne	34	Moderate	4	258	58.9	101	106	110	--	--	--	R	MR	--	1	S	MR	VS	ORCF-101 (CLEARFIELD®)	
ORCF-102 (CLEARFIELD®)	OSU	2004	Certified	White	Awne	36	Moderate	5	259	59.6	106	109	120	--	--	--	R	MS	--	--	--	MR	MR	ORCF-102 (CLEARFIELD®)	
ORCF-103 (CLEARFIELD®)	OSU	2008	Registered	White	Awne	33	Moderate	6	263	59.0	103	104	113	--	--	--	R	MR	--	--	--	MR	MR	ORCF-103 (CLEARFIELD®)	
Rjames	GMG/Peter Goldmark	2003	Certified	White-Brown	Awne	31	Moderate	6	261	57.5	101	106	109	--	--	--	R	MR	--	--	--	MR	MR	Rjames	
Rod	WSU	1992	Certified	White	Awne	33	Moderate	5	262	58.0	109	110	112	MS	S	MS	MS	R	S	5	S	--	MS	MS	Rod
Salute	AgriPro Wheat	2007	Certified	White	Awne	35	Moderate	5	259	57.8	105	107	112	--	--	--	R	R	--	--	--	MR	MR	Salute	
Simon	UI	2003	Certified	White	Awne	34	Moderate	5	280	58.9	95	105	107	--	--	--	R	R	--	2	R	S	S	MS	Simon
Stephens	OSU	1977	Certified	White	Awne	32	Moderate	3	256	58.5	96	103	109	S	S	MS	MS	R	S	1	S	S	S	MS	Stephens
Tubbs 06	OSU	2006	Certified	White	Awne	36	Mod-High	5	280	58.1	103	107	109	--	MR	--	MS	MR	--	1	MS	MR	MR	MS	Tubbs 06
WB 1020M (CLEARFIELD®)	Westbred LLC	2008	Certified	White	Awne	32	Moderate	5	282	59.3	98	106	106	--	--	--	R	MR	--	--	--	S	MR	MS	WB 1020M (CLEARFIELD®)
WB 456	Westbred LLC	2008	Certified	White	Awne	32	Moderate	5	255	60.8	96	99	99	--	--	--	R	MR	--	--	--	MR	MR	MS	WB 456
WB 523	Westbred LLC	2008	Certified	White	Awne	34	Moderate	5	258	60.1	97	105	110	--	--	--	R	MR	--	--	--	MR	MR	MS	WB 523
WB 528	Westbred LLC	2004	Certified	White	Awne	33	Mod-High	5	256	60.6	98	107	108	--	--	--	R	MR	--	1	MS	MS	MS	MS	WB 528
Xerpha	WSU	2007	Foundation	White	Awne	35	Mod-High	7	261	59.1	117	119	120	--	MR	--	R	MR	--	4	S	MR	MR	MS	Xerpha

Yield of Madsen (BU/A) 63 104 104 154

SOFT WHITE CLUB WINTER WHEAT

COMPARABLE CHARACTERISTICS

VARIETY	ORIGINATOR	RELEASE DATE	SEED CLASS AVAILABILITY	GLUME	AWN	PLANT HEIGHT INCHES	EMERGENCE	WINTER* SURVIVAL INDEX	DAYS TO HEAD	TEST WEIGHT (LBS/BU)	PRECIPITATION ZONE (INCHES)			DISEASE REACTION*							VARIETY				
											<16"	16"-20"	>20"	COMMON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	STEM RUST	CEPH. STRIPE TOLERANCE INDEX*		STRAW BREAK-ER FOOT ROT	SNOW MOLD		
											*Yield as a % of Rely														
Bruehl	WSU	2000	Certified	White	Awne	35	Mod-High	6	263	57.3	<16"	16"-20"	>20"	COMMON BUNT	DWARF BUNT	FLAG SMUT	LEAF RUST	STRIPE RUST	STEM RUST	CEPH. STRIPE TOLERANCE INDEX*	STRAW BREAK-ER FOOT ROT	SNOW MOLD	VARIETY		
Cara	USDA-ARS/WSU	2007	Registered	White	Awne	31	Moderate	4	262	57.2	100	100	100	MR	MS	--	MS	R	MS	4	S	MR	MS	Bruehl	
Chukar	USDA-ARS/WSU	2001	Certified	White	Awnletted	32	Moderate	5	262	57.5	95	102	88	--	--	--	S	R	--	--	--	R	MS	MS	Cara
Coda	USDA-ARS/WSU	1998	Certified	White	Awne	35	Moderate	5	262	60.4	96	99	93	--	S	--	R	R							