

2009 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT DUSTY, WA.

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2009					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
GEORGE	--	--	--	110	60.0	10.8	0	37	154
AP LEGACY	--	--	--	106	59.7	9.7	0	34	150
XERPHA	--	--	--	105	59.0	9.7	0	34	153
ORCF-103	--	--	--	104	60.0	10.7	0	32	152
WA008064	--	--	--	100	60.3	10.7	0	30	147
<i>CHUKAR</i>	--	--	--	98	58.6	9.5	0	33	153
WA008092	--	--	--	98	60.4	10.1	0	34	156
SKILES	--	--	--	97	60.2	11.5	0	31	150
<i>CARA</i>	--	--	--	96	58.2	9.6	0	30	153
ARS970170-2L	--	--	--	96	59.7	11.0	0	33	153
RJAMES	--	--	--	95	58.3	9.7	0	29	152
WA008063	--	--	--	95	59.9	10.5	0	30	148
ORCF-102	--	--	--	94	59.9	11.0	0	33	150
<i>ARS970071-3C</i>	--	--	--	94	59.9	10.6	0	33	151
SALUTE	--	--	--	93	58.5	10.2	0	33	150
<i>BRUEHL</i>	--	--	--	92	59.5	10.5	0	35	154
ROD	--	--	--	92	58.3	9.5	0	30	151
ELTAN	--	--	--	91	60.1	9.6	0	36	154
FINCH	--	--	--	89	60.8	9.8	0	31	154
ID02-859	--	--	--	89	58.5	10.8	0	30	149
ELTAN/TUBBS06	--	--	--	89	59.8	11.1	0	33	151
ORCF-101	--	--	--	86	58.8	11.0	0	32	149
MADSEN/ROD	--	--	--	86	59.0	10.1	0	32	151
9364901A	--	--	--	85	59.4	10.3	0	30	150
MASAMI	--	--	--	84	59.1	9.2	0	31	154
WA008093	--	--	--	84	59.2	10.4	0	30	149
WA008094	--	--	--	84	60.9	10.6	0	34	154
WA008066	--	--	--	83	61.2	10.5	0	31	155
LEGION	--	--	--	83	58.6	10.9	0	32	150
ROD/TUBBS06	--	--	--	83	58.3	9.8	0	31	150
TUBBS 06	--	--	--	82	58.6	10.9	0	33	150
CASHUP	--	--	--	82	59.5	9.7	0	31	151
WB 523	--	--	--	81	59.7	9.9	0	28	149
OR2060324	--	--	--	81	56.3	10.0	0	27	153
KCF08001	--	--	--	81	60.0	10.8	0	33	149
MADSEN	--	--	--	79	59.1	11.0	0	29	152
ELTAN/MADSEN	--	--	--	79	59.3	9.8	0	33	152
WA008065	--	--	--	79	60.4	9.7	0	32	150
ORI2060306	--	--	--	79	59.6	10.6	0	31	148
<i>CODA</i>	--	--	--	78	60.7	10.2	0	32	153
WB 456	--	--	--	78	61.0	11.7	0	28	149
KCF08002	--	--	--	78	59.6	10.8	0	34	148
<i>ARS970168-2C</i>	--	--	--	77	61.0	10.7	0	30	152
LAMBERT	--	--	--	75	59.4	10.2	0	32	148
ID990435	--	--	--	75	59.0	10.3	0	33	148
OR2040726	--	--	--	74	59.1	10.4	0	29	149
BRUNDAGE 96	--	--	--	73	58.3	10.6	0	30	149
CDC PTARMIGAN	--	--	--	73	58.0	9.3	0	34	149
OR2050293	--	--	--	72	57.4	10.3	0	29	150
STEPHENS	--	--	--	71	58.3	10.5	0	29	148
WB 1066M	--	--	--	71	60.6	11.5	0	32	149
AP 700 CL	--	--	--	70	58.6	10.9	0	30	149
WB 1020M	--	--	--	69	59.3	10.2	0	29	153
BZ6W02-616	--	--	--	66	59.8	11.1	0	28	147

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Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2009					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
<i>BITTERROOT</i>	--	--	--	65	59.6	10.6	0	31	152
<i>WB-528</i>	--	--	--	65	60.2	11.0	0	28	149
<i>SIMON</i>	--	--	--	60	58.5	10.7	0	30	151
<i>WB 1070M</i>	--	--	--	52	61.1	11.6	0	26	148
C.V. %	--	--	--	10	0.7	5.5	--	4	1
LSD '@ .10'	--	--	--	12	0.6	0.8	--	2	1
Average	--	--	--	84	59.4	10.4	0	31	151
Highest	--	--	--	110	61.2	11.7	0	37	156
Lowest	--	--	--	52	56.3	9.2	0	26	147

1. Grain yield in the Dusty soft white winter wheat trial averaged 84 bu/ac. The Dusty nursery was located about 6 miles west of Endicott, WA (Bob Morasch, cooperator).
2. This nursery was seeded on 16 September, 2008 following summer fallow. Seed was placed at an 85#/acre seeding rate using a hoe plot drill set on 9-inch spacing. Base fertilizer was 76#N, and 6#S applied in the fall. Seeding conditions produced good stands that overwintered well. Alpha lattice experimental designs improved variation allocation during statistical analysis and the CV by 57% compared to previously used designs.
3. Yields ranged from 52 bu/ac to 110 bu/ac, with a CV of 10%. Yield values within the LSD range of the highest yield are shown in bold and included six cultivars. Club variety names are designated by italicized print.
4. Test weights were good with an average of 59.4 lb/bu. Grain protein averaged 10.4% with a range of 9.2 to 11.7%. The average plant height was 31 inches.