

2010 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT FARMINGTON, WA.

Variety Name <i>*Club Italicized</i>				2010					
	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
KCF9001				131	60.9	11.2	0	48	173
ORCF-103		122	125	127	58.7	10.5	0	43	172
AP 700 CL		129	134	125	59.5	11.3	0	44	167
ID00-475-2DH				125	60.3	10.5	0	43	170
ORCF-102	136	133	137	124	59.9	10.7	0	44	168
RJAMES	117	119	126	124	57.2	10.4	0	36	170
UICF-BRUNDAGE		124	127	123	59.6	10.2	0	41	168
LEGION		126	129	123	58.1	10.7	0	44	169
<i>CHUKAR +25%</i>				118	59.2	10.7	0	42	171
SIMON	119	115	126	117	59.0	10.9	0	43	169
ELTAN/TUBBS06		117	122	116	59.1	10.5	0	44	169
BZ6W02-616			120	116	62.4	11.0	0	40	163
<i>BRUEHL +25%</i>				116	57.5	11.4	0	42	172
BRUNEAU		120	127	115	59.8	10.8	0	41	170
WA008116				115	59.9	11.1	0	38	173
<i>CHUKAR</i>	115	110	125	114	59.2	10.8	0	42	171
<i>BRUEHL</i>	117	119	126	113	57.6	11.1	0	43	172
ARS960277L		117	120	113	59.6	10.6	0	43	170
OR2040726			129	113	59.8	10.7	0	39	166
ROD	122	116	127	112	58.2	10.4	0	40	170
WA008092			117	112	58.8	11.7	0	40	174
<i>CODA</i>	111	103	113	111	62.0	11.5	0	44	170
ARS970170-2L			114	111	58.5	11.0	0	42	172
MADSEN	112	108	116	110	59.4	11.6	0	40	172
BRUNDAGE 96	114	114	118	110	58.2	11.0	0	40	166
ELTAN/MADSEN		116	120	110	58.3	11.5	0	40	172
<i>CARA +25%</i>				110	58.8	11.1	0	41	170
ELTAN	106	109	116	109	59.6	10.7	0	41	173
<i>CARA</i>	110	109	126	108	58.8	11.1	0	39	171
WA008115				108	60.5	10.8	0	40	165
<i>ARS970075-3C</i>		108	122	106	59.7	11.5	0	44	171
GEORGE	108	111	112	105	58.2	11.2	0	41	173
<i>ARS970071-3C</i>			116	105	60.9	12.3	0	45	169
BITTERROOT	114	111	119	104	59.7	11.2	0	43	170
MADSEN/ROD	117	116	123	104	57.9	11.5	0	40	172
WA008117				104	58.5	11.5	0	37	172
SALUTE		116	121	103	58.0	11.4	0	41	168
OR2060395				102	58.2	11.1	0	38	167
WB-528	118	113	120	101	60.9	11.1	0	40	165
SKILES		111	117	101	59.5	12.3	0	37	170
WA008093			121	101	57.9	11.0	0	40	170
GOETZE/SKILES				101	59.0	11.6	0	38	166
AP LEGACY		119	122	100	58.1	10.4	0	42	169
ROD/TUBBS06		116	118	100	56.1	11.2	0	42	169
STEPHENS	116	111	120	99	59.0	11.4	0	39	166
<i>ARS970163-4C</i>				99	58.5	11.1	0	39	172
MASAMI	110	110	113	98	57.2	10.8	0	39	172
XERPHA	126	124	121	98	57.3	11.1	0	41	170
DH99-55-2 (Soft Red)				98	58.4	10.0	0	45	165
<i>ARS970184-1C</i>				97	57.4	11.4	0	40	171
WA008094			106	96	58.8	11.4	0	43	173
WA008114				96	60.0	10.8	0	38	165
KCF9003				96	60.3	11.6	0	57	166
WA008063		107	115	93	59.3	11.4	0	37	165

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	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
REA STEPHENS				93	58.8	11.7	0	46	166
TUBBS 06	113	107	114	92	56.2	10.5	0	43	169
FINCH	118	114	113	90	58.9	11.4	0	41	173
LAMBERT	120	115	112	86	57.1	10.8	0	40	167
CDC PTARMIGAN			88	73	56.0	10.4	0	43	169
C.V. %	9	9	8	8	1.4	3.7	--	4	0
LSD '@ .10'	6	7	9	12	1.1	0.6	--	2	1
Average	116	115	120	107	58.9	11.1	0	41	169
Highest	136	133	137	131	62.4	12.3	0	57	174
Lowest	106	103	88	73	56.0	10.0	0	36	163

Farmington Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Farmington soft white winter wheat trial averaged 107 bushels/acre, 9 bushels/acre lower than the 5-year average for this location. The Farmington nursery was located about three miles south of Farmington, WA (B. Nelson, cooperator).
2. This nursery was seeded on 5 October, 2009 following pea. Seed was placed at an 85#/acre seeding rate using a no-till drill equipped with Cross-Slot openers set on 10-inch spacing. Base fertilizer was 114#N/acre. Fall seeding was dry but emergence and winter survival were good. There was some stripe rust at this site and we suspect that there was IMI herbicide carryover that influenced performance of non-Clearfield cultivars.
3. Yields ranged from 73 bu/ac to 131 bu/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and 8 of the 60 trial entries are in the top group. ORCF-103 was the highest yielding named variety. The lattice RCBD experimental design improved variation allocation during statistical analysis and the CV by 96% for yield.
4. Test weights averaged 58.9 lb/bu with a range from 56.0 to 62.4 lb/bu.
5. Grain protein averaged 11.1% with a range of 10.0 to 12.3%. Plant height averaged 41 inches with no lodging.