

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

Variety Name <small>*Club Italicized</small>				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
XERPHA	108	112	128	154	61.8	10.5	0	41	169
<i>ARS970163-4C</i>				153	61.9	10.1	0	42	170
<i>ARS970075-3C</i>		112	126	151	63.4	9.9	0	43	168
ARS960277L		100	118	147	62.2	10.4	0	41	168
TUBBS 06	96	103	125	145	61.1	10.6	0	42	167
UICF-BRUNDAGE		111	123	145	61.2	10.9	0	37	166
<i>CARA +25%</i>				145	61.3	10.7	0	39	169
<i>CHUKAR +25%</i>				145	61.4	9.9	0	42	170
CHUKAR	100	103	116	143	61.5	10.1	0	42	170
ROD	97	99	113	143	60.9	10.4	0	39	170
BITTERROOT	94	98	114	143	62.4	10.9	0	42	170
MADSEN/ROD	99	107	121	142	61.4	11.2	0	38	169
ELTAN/TUBBS06		104	116	142	61.1	10.8	0	42	169
ROD/TUBBS06		101	119	142	60.8	10.7	0	41	168
ARS970170-2L			118	142	62.0	10.7	0	42	168
DH99-55-2 (Soft Red)				142	61.0	10.7	0	43	162
ID00-475-2DH				141	63.4	10.9	0	38	169
WA008092			116	140	61.4	11.0	0	42	172
RJAMES	97	104	120	139	60.9	10.3	0	36	168
ELTAN	101	104	120	138	61.9	10.1	0	41	171
AP LEGACY		104	117	138	61.6	10.8	0	42	168
CDC PTARMIGAN			122	138	60.8	10.4	0	46	164
LEGION		101	118	137	61.2	10.8	0	40	167
WA008116				137	62.6	10.5	0	38	170
<i>CODA</i>	97	98	109	136	64.0	11.3	0	45	169
<i>CARA</i>	96	104	116	136	61.4	10.3	0	37	169
MASAMI	98	102	116	136	60.4	10.8	0	40	170
BRUNEAU		94	111	136	62.6	11.5	0	39	169
<i>ARS970071-3C</i>			112	136	62.9	12.0	0	44	168
<i>BRUEHL +25%</i>				136	59.9	10.9	0	43	171
ORCF-102	100	105	121	135	62.2	11.2	0	41	167
WA008094			115	135	62.6	10.7	0	43	171
KCF9001				135	62.4	11.0	0	45	171
GEORGE	104	106	118	134	60.2	11.2	0	42	171
SALUTE		91	107	133	61.1	11.5	0	41	165
WA008093			110	133	60.9	11.2	0	38	168
WA008117				133	62.6	11.4	0	37	171
FINCH	101	107	116	132	62.9	10.6	0	41	172
BRUNDAGE 96	101	100	110	132	61.6	10.7	0	38	164
ORCF-103		99	115	132	61.4	10.6	0	39	170
<i>BRUEHL</i>	95	101	115	131	59.8	10.7	0	42	171
OR2040726			113	131	62.7	11.0	0	38	163
ELTAN/MADSEN		104	118	130	61.9	10.7	0	40	170
WA008063		95	109	130	62.9	11.7	0	36	163
SIMON	89	93	110	129	61.7	11.1	0	39	167
OR2060395				129	61.4	11.0	0	37	165
<i>ARS970184-1C</i>				128	61.3	11.1	0	36	169
MADSEN	92	94	108	127	61.7	11.6	0	39	169
LAMBERT	95	91	106	127	61.8	10.9	0	38	165
WA008115				127	63.3	11.6	0	36	163
GOETZE/SKILES				125	62.3	11.9	0	37	166
SKILES		98	108	123	62.7	11.7	0	37	170
WB-528	86	88	102	120	63.3	11.4	0	38	163
STEPHENS	82	85	102	119	62.1	11.7	0	35	164

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
AP 700 CL		90	107	119	61.6	11.6	0	39	165
WA008114				116	63.2	11.8	0	36	162
KCF9003				116	62.6	10.9	0	52	167
REA STEPHENS				115	62.5	11.7	0	43	165
BZ6W02-616			96	111	63.5	12.6	0	35	161
KCF9002				110	63.1	12.6	0	37	165
C.V. %	9	9	8	5	0.6	3.9	--	3	1
LSD '@ .10'	5	7	8	9	0.5	0.6	--	2	1
Average	97	100	114	134	61.9	11.0	0	40	168
Highest	108	112	128	154	64.0	12.6	0	52	172
Lowest	82	85	96	110	59.8	9.9	0	35	161

Reardan Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Reardan soft white winter wheat trial averaged 134 bushels/acre, 37 bushels/acre higher than the 5-year average for this location. The Reardan nursery was located about seven miles west of Reardan, WA (Hal Johnson, cooperator).
2. This nursery was seeded on 21 September, 2009 following fallow. Seed was placed at an 85#/acre seeding rate using a double-disc drill set on 6-inch spacing. Base fertilizer was 85#N/acre. Fall seeding, emergence, and winter survival were good. There was little stripe rust at this site.
3. Yields ranged from 110 bu/ac to 154 bu/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and 4 of the 60 trial entries are in the top group. Xerpha was the highest yielding variety. The lattice RCBD experimental design improved variation allocation during statistical analysis and the CV by 95% for yield.
4. Test weights were good and averaged 61.9 lb/bu with a range from 59.8 to 64.0 lb/bu.
5. Grain protein averaged 11.0% with a range of 9.9 to 12.6%. Plant height averaged 40 inches with no lodging.