

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

Variety Name <small>*Club Italicized</small>	5 YEAR	3 YEAR	2 YEAR	2010					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
XERPHA	133	133	138	139	60.6	10.1	0	43	162
<i>BRUEHL</i>	123	122	130	136	57.5	10.4	3	42	164
<i>ARS970075-3C</i>		117	125	135	62.4	11.0	0	44	162
<i>ARS970163-4C</i>				133	60.8	9.6	0	45	163
MASAMI	123	124	134	132	59.3	10.0	0	42	162
ORCF-102	119	116	118	131	61.0	11.1	0	43	161
BRUNEAU		124	133	131	62.3	9.4	0	39	161
<i>ARS970170-2L</i>			135	131	60.1	9.3	0	44	163
<i>BRUEHL +25%</i>				130	57.9	9.8	0	42	163
BRUNDAGE 96	127		129	129	60.3	10.8	0	39	159
GEORGE	127	126	135	129	58.7	10.0	7	42	164
WA008114				129	60.7	10.7	7	38	156
CARA	119		112	128	60.9	10.6	0	41	162
FINCH	123	122	133	128	60.3	10.8	0	42	164
WA008093			123	128	59.7	11.5	0	41	160
WA008116				128	61.2	9.9	0	38	162
<i>CHUKAR</i>	119		115	127	60.1	10.3	3	45	164
AP LEGACY		118	125	127	61.3	9.4	0	41	160
ROD/TUBBS06		126	128	127	60.2	10.2	0	42	161
ARS960277L		117	117	126	60.2	9.6	2	45	162
KCF9001				126	60.8	12.1	7	46	162
<i>ARS970071-3C</i>			126	125	61.9	11.4	10	45	161
SKILES		111	113	124	61.5	12.1	0	38	161
WA008117				123	60.7	9.6	0	37	162
<i>CHUKAR +25%</i>				123	59.2	9.4	3	44	162
ROD	123	121	126	122	59.5	9.8	0	40	163
TUBBS 06	122	119	127	122	59.6	10.8	0	45	161
RJAMES	121	117	124	122	59.3	10.1	0	36	160
ELTAN/TUBBS06		126	135	122	59.4	10.5	13	43	160
WA008115				121	61.7	10.1	0	38	156
WA008092			135	120	59.3	10.3	0	42	164
<i>CARA +25%</i>				120	60.4	10.4	0	40	162
ID00-475-2DH				120	61.5	10.7	2	39	162
<i>CODA</i>	115	108	116	118	62.0	11.3	3	44	163
WA008063		110	116	118	61.5	11.0	0	36	156
ORCF-103		110	114	116	60.1	10.9	0	39	163
MADSEN/ROD	120	117	121	115	59.4	9.7	0	42	162
ELTAN	120	118	120	114	58.0	10.8	40	39	163
WA008094			120	114	58.9	10.9	10	44	163
SIMON	110	103	102	113	59.8	11.5	0	40	160
GOETZE/SKILES				113	61.7	10.7	0	37	159
BITTERROOT	113	109	115	112	60.6	9.7	0	42	161
OR2060395				112	59.2	11.5	0	37	159
ELTAN/MADSEN		121	125	110	58.8	11.2	12	41	163
LEGION		110	110	110	59.6	9.8	5	42	160
MADSEN	113	113	114	109	60.5	10.8	0	39	162
SALUTE		111	114	109	59.9	10.1	0	41	159
OR2040726			112	109	61.3	10.8	0	37	159
LAMBERT	114	103	110	108	60.2	10.4	0	43	159
<i>ARS970184-1C</i>				108	59.7	10.3	0	38	161
WB-528	113	103	106	106	62.0	11.2	0	39	156
DH99-55-2 (Soft Red)				106	58.6	9.6	37	44	159
UICF-BRUNDAGE			116	105	59.4	11.4	0	39	160
AP 700 CL		110	114	103	60.9	10.9	0	40	159

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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)	2010					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	LODGING (%)	PLANT HT	HEAD DATE
KCF9002				102	62.1	11.8	0	34	158
STEPHENS	107	101	106	100	60.7	11.6	0	35	157
KCF9003				98	61.4	11.7	37	47	160
BZ6W02-616			101	97	62.0	10.5	0	37	155
REA STEPHENS				95	60.7	10.3	0	40	158
CDC PTARMIGAN				-Deer destroyed plots-					
C.V. %	10	12	13	7	1.6	8.1	144	4	1
LSD '@ .10'	7	10	15	12	1.3	1.2	9	2	1
Average	119	116	121	118	60.3	10.6	4	41	161
Highest	133	133	138	139	62.4	12.1	67	48	164
Lowest	107	101	101	95	57.5	9.3	0	34	155

Creston Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Creston soft white winter wheat trial averaged 118 bushels/acre, equivalent to the 5-year average for this location. The Creston nursery was located about five miles north of Creston, WA (Jerry Krause, cooperator).
2. This nursery was seeded on 11 September, 2009 following fallow. Seed was placed at an 85#/acre seeding rate using a Hoe type drill with 9-inch spacing. Base fertilizer was 80#N/acre. Fall seeding conditions and winter survival were good. There was little stripe rust.
3. Yields ranged from 95 bu/ac to 139 bu/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and 16 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 5% for yield.
4. Test weights were good and averaged 60.3 lb/bu with a range from 57.5 to 62.4 lb/bu.
5. Grain protein averaged 10.6% with a range of 9.3 to 12.1%. Plant height averaged 41 inches.