

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

Variety Name <i>*Club Italicized</i>	5 YEAR			2010					
	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
OR2040726			132	151	60.2	12.4	30	44	160
BRUNDAGE 96	121	115	133	148	58.6	11.8	7	47	160
SKILES		113	129	144	58.6	12.6	8	43	162
<i>CARA</i>	117	107	124	143	56.5	12.8	53	46	163
OR2060395				143	57.8	11.8	25	44	159
BRUNEAU		116	134	142	56.9	12.0	60	43	162
<i>CARA +25%</i>				142	57.1	12.5	27	45	162
GOETZE/SKILES				142	58.7	12.6	17	43	161
WB-528	119	110	126	141	60.0	12.5	55	45	157
<i>CHUKAR</i>	112	102	118	140	56.6	12.2	52	47	163
BZ6W02-616			127	140	60.1	12.3	68	42	156
KCF9002				140	60.1	12.5	25	45	160
WA008115				139	57.0	12.7	78	41	157
<i>ARS970184-1C</i>				138	55.5	12.5	20	46	162
AP LEGACY		113	126	137	56.7	11.8	55	48	161
<i>CHUKAR +25%</i>				134	56.4	13.1	78	45	164
STEPHENS	113	106	121	133	58.7	11.6	12	45	159
<i>ARS970075-3C</i>		109	124	133	58.1	12.9	70	46	162
<i>ARS970071-3C</i>			117	132	58.8	13.3	40	48	163
<i>ARS970163-4C</i>				132	56.2	12.7	57	47	163
ARS960277L		107	118	131	56.2	12.3	75	46	162
MADSEN	114	105	120	129	57.7	12.4	15	46	164
ROD	120	109	118	129	54.1	12.7	58	42	163
<i>CODA</i>	109	101	113	128	59.4	13.8	60	48	163
WA008093			118	128	54.2	13.1	52	44	160
WA008114				128	57.0	12.6	85	42	156
RJAMES	122	113	127	127	53.9	12.0	82	41	163
SIMON	113	103	115	126	56.7	12.6	45	47	162
WA008063		109	120	126	56.6	13.5	30	42	157
WA008116				126	55.8	13.0	68	42	165
<i>BRUEHL</i>	114	108	116	125	51.1	13.5	96	43	165
SALUTE		109	120	125	55.3	12.5	58	48	161
FINCH	113	107	120	124	57.0	12.4	38	47	165
ORCF-102	114	108	116	124	55.9	13.3	53	47	164
UICF-BRUNDAGE		106	114	124	56.2	13.0	22	44	161
ROD/TUBBS06		108	120	124	54.8	11.7	32	47	162
LAMBERT	117	103	113	123	58.3	11.6	40	47	159
WA008117				123	55.5	12.8	60	42	164
LEGION		111	122	121	53.7	12.8	47	45	162
REA STEPHENS				121	59.0	12.7	35	50	159
TUBBS 06	117	106	115	120	54.7	12.3	35	48	160
MADSEN/ROD	113	103	112	120	55.9	12.3	15	45	163
BITTERROOT	108	96	110	118	56.7	12.7	80	47	163
ARS970170-2L			113	118	53.1	13.4	50	46	164
<i>BRUEHL +25%</i>				117	50.3	13.1	80	44	164
WA008094			110	116	55.9	12.3	53	49	164
AP 700 CL		103	114	112	55.4	13.1	25	45	161
ORCF-103		101	108	110	53.0	12.7	55	45	165
WA008092			109	110	50.7	14.1	65	44	165
ELTAN/MADSEN		101	111	107	54.3	13.2	88	43	165
KCF9001				107	55.2	13.3	92	50	164
MASAMI	111	103	111	105	50.8	13.3	78	44	165
ID00-475-2DH				105	54.9	13.1	87	42	162
DH99-55-2 (Soft Red)				103	55.7	11.9	77	51	160

2010 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT NO NAME, WA.

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
KCF9003				103	57.7	13.0	96	53	162
XERPHA	122	105	111	102	52.7	12.4	60	48	164
GEORGE	111	106	111	102	52.8	12.9	88	45	165
CDC PTARMIGAN			103	100	55.9	11.8	85	51	163
ELTAN	109	98	104	96	52.5	12.8	91	44	165
ELTAN/TUBBS06		101	106	95	53.4	12.9	90	46	162
C.V. %	8	8	8	9	2.6	5.1	50	4	1
LSD '@ .10'	5	7	9	16	2.0	0.9	37	2	1
Average	115	106	117	124	56.0	12.7	55	46	162
Highest	122	116	134	151	60.2	14.1	96	53	165
Lowest	108	96	103	95	50.3	11.6	7	41	156

Almira Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Almira soft white winter wheat trial averaged 124 bushels/acre, 9 bushels/acre higher than the 5-year average for this location. The Almira nursery was located about seven miles north of Almira, WA (Dan McKay, cooperator).
2. This nursery was seeded on 9 September, 2009 following summer fallow. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 85#N and a spring soil test showed 420#N/acre available in the top 4-foot sample. Fall seeding conditions, emergence, and stand establishment were adequate. The high available nitrogen contributed to lodging in this trial. Lodging began early, at the time of heading, for some cultivars.
3. Yields ranged from 95 bu/ac to 151 bu/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and 15 of the 60 trial entries are in the top group. Brundage 96 was the highest yielding named variety in the trial. Stripe rust was moderate at this location with some impact on susceptible cultivars. The lattice RCBD experimental design improved variation allocation during statistical analysis and the CV by 12% for yield.
4. Test weights varied a large amount due to lodging and averaged 56.0 lb/bu with a range from 50.3 to 60.2 lb/bu.
5. Grain protein was higher than desired attributable to the high nitrogen level and averaged 12.7% with a range of 11.6 to 14.1%. Plant height averaged 46 inches. Lodging was noted on all entries and ranged from 7 to 96%.