

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

Variety Name <small>*Club Italicized</small>	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>CHUKAR</i>	142.8	136.2	132.2	151.0	59.4	8.7	0	39.7	162.5
ARS970170-2L				150.5	61.2	9.0	0	42.3	162.5
ORCF-103		138.3	137.5	150.3	60.0	9.3	0	40.0	162.5
MASAMI	146.1	147.8	147.6	150.1	59.9	8.8	0	39.3	162.0
GEORGE	139.3	141.6	144.7	149.8	60.2	9.4	0	40.0	164.0
ROD	152.3	147.9	145.4	147.9	60.0	8.8	0	36.0	160.5
LEGION			143.8	147.5	60.1	9.0	0	41.3	160.0
XERPHA	157.0	155.1	152.3	147.3	60.5	9.5	0	37.0	161.5
ELTAN/TUBBS06			138.5	144.3	60.8	9.2	0	41.3	161.0
TUBBS 06		145.4	144.0	144.2	60.1	9.0	0	40.0	160.0
ROD/TUBBS06			140.5	144.0	60.1	8.9	0	40.0	161.0
MADSEN/ROD		137.4	134.9	142.3	60.2	9.0	0	37.0	161.5
ELTAN	138.3	145.2	140.5	141.9	60.9	9.2	0	40.7	162.5
ORCF-102	143.6	135.5	136.8	141.2	60.3	9.7	0	38.7	160.5
ID02-859		137.3	144.2	140.2	59.6	8.9	0	35.0	159.5
AP LEGACY			141.7	139.8	61.0	9.2	0	39.0	160.0
AP 700 CL		140.8	137.2	139.0	61.0	9.5	0	38.7	158.5
WA008063			135.7	139.0	60.7	9.4	0	35.3	155.5
SALUTE		138.9	134.5	138.6	59.7	9.4	0	38.3	159.0
<i>CARA</i>	140.2	127.4	121.8	137.4	59.2	9.3	0	35.7	162.0
OR2060324				137.1	57.9	9.1	0	34.0	162.5
FINCH	150.4	146.2	143.5	137.0	61.7	9.0	0	37.0	162.5
OR2040726				136.2	60.0	8.9	0	33.7	158.0
ID990435		150.9	144.6	136.1	60.1	9.2	0	40.0	158.5
RJAMES	141.0	139.9	138.4	136.1	59.5	9.1	0	34.3	161.0
WB 523		139.6	137.6	135.6	60.3	9.3	0	36.7	159.5
OR2050293				135.6	60.1	9.1	0	35.3	159.0
WB-528	136.1	132.2	130.0	135.2	61.3	9.7	0	37.3	156.0
ORI2060306				135.2	60.2	9.6	0	36.0	160.5
WA008066			138.8	135.0	62.1	9.1	0	38.0	162.5
KCF08002				135.0	60.9	9.7	0	38.7	155.0
ELTAN/MADSEN		135.9	132.9	134.8	60.5	9.3	0	39.3	162.5
MADSEN	138.8	129.3	125.4	134.2	60.0	9.7	0	36.7	162.5
WB 1020M		127.6	126.6	134.1	60.6	9.8	0	36.7	161.5
<i>BRUEHL</i>	141.6	134.8	131.9	133.9	59.1	9.3	0	41.0	163.5
9364901A		144.5	144.7	133.6	60.2	9.1	0	34.3	161.5
SKILES			122.8	133.3	60.9	10.4	0	36.0	161.5
BITTERROOT		132.1	130.8	133.2	60.1	9.3	0	42.3	162.0
BRUNDAGE 96	139.5	133.3	132.9	132.8	59.5	9.2	0	35.3	159.5
KCF08001				132.8	61.0	9.7	0	37.7	157.0
WA008064			133.5	132.6	60.9	9.5	0	33.7	156.0
ORCF-101	134.5	128.7	128.6	131.4	60.2	9.9	0	36.7	160.0
WA008092				130.2	60.5	9.5	0	40.0	163.5
WA008065			127.9	129.9	61.7	9.6	0	38.3	159.5
WB 456		123.5	123.3	129.8	61.8	10.1	0	35.7	155.5
<i>CODA</i>	137.3	135.2	129.2	129.6	61.1	9.3	0	40.0	162.0
STEPHENS	140.8	133.4	128.1	129.4	59.6	9.3	0	35.7	156.5
WB 1070M				129.0	61.7	10.0	0	34.7	154.5
WA008094				128.9	61.4	9.4	0	40.3	164.0
WA008093				127.5	59.7	9.5	0	36.3	160.0
WB 1066M			125.6	126.2	62.0	10.0	0	39.3	155.5
BZ6W02-616				125.5	60.5	9.2	0	36.0	155.0
CASHUP	135.7	130.2	128.2	125.1	60.6	9.3	0	35.0	161.5
LAMBERT	143.8	136.4	133.7	124.7	60.3	9.3	0	38.3	158.5

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

Variety Name <small>*Club Italicized</small>	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>ARS970071-3C</i>				123.6	60.4	9.8	0	41.3	161.5
SIMON	140.2	134.4	127.5	123.1	60.6	9.7	0	37.0	160.0
CDC PTARMIGAN				122.5	59.3	8.4	0	41.7	159.5
<i>ARS970168-2C</i>			108.0	110.8	61.4	9.8	0	34.7	162.0
C.V. %	8.5	7.7	7.1	5.1	0.4	1.7	--	3.2	0.5
LSD '@ .10'	6.4	7.5	8.5	9.4	0.3	0.2	--	1.6	1.0
Average	142.0	137.7	134.7	135.6	60.4	9.4	0	37.8	160.1
Highest	157.0	155.1	152.3	151.0	62.1	10.4	0	42.3	164.0
Lowest	134.5	123.5	108.0	110.8	57.9	8.4	0	33.7	154.5

Pullman Soft White Winter Wheat – Preliminary Data

1. Grain yield in the Pullman soft white winter wheat trial averaged 136 bushels/acre, 6 bushels/acre lower than the 5-year average yield at this location. The Pullman nursery was located about 3 miles south east of Pullman, WA (Norm Druffel & Sons, cooperators).
2. This nursery was seeded on 3 October, 2008 following Chickpeas. Seed was placed at an 85#/acre seeding rate using a double disc plot drill set on 6-inch spacing. Base fertilizer was 100#N, 20#P, 15#K, and 30#S (all per acre) applied in the fall and an additional 6#N and 20#P were applied as starter fertilizer. Seeding conditions produced good stands that overwintered well. Alpha Lattice experimental designs improved variation allocation during statistical analysis and the CV by 86% compared to previously used designs.
3. Yields ranged from 111 bu/ac to 151 bu/ac. Yield values within the LSD range of the highest yield are shown in bold and included 13 cultivars and blends. Club variety names are designated by italic print.
4. Test weights were good with an average of 60.4 lb/bu. Grain protein averaged 9.4% with a range of 8.4 to 10.4%. The average plant height was 38 inches.