



2004 WSU WINTER WHEAT VARIETY TRIAL SUMMARY

VARIETY NAME	TEST WEIGHT (LBS/BU)																			VARIETY MEAN
	LIND	ST. ANDREWS	RITZVILLE	HARRINGTON	CRESTON	FAIRFIELD	ALMIRA	DAYTON	ANATONE	REARDAN	DUSTY	COLTON	MOSES LAKE	LAMONT	FARMINGTON	MAYVIEW	PULLMAN	ST. JOHN	WALLA WALLA	
<b>Soft White Common</b>																				
89S-88D	60.8	57.7	61.5	59.8	58.9	57.8	59.2	59.3	59.0	59.2	60.7	60.5	60.7	60.3	54.5	60.3	59.9	60.5	61.2	59.6
96GEO68	58.8	53.4	59.8	58.2	55.9	55.9	55.1	56.9	55.6	56.4	57.5	58.2	58.5	58.0	50.5	56.8	56.5	55.9	58.4	56.7
ALBION	60.1	56.5	61.1	59.6	58.5	57.2	58.4	58.7	57.5	58.3	60.1	59.2	60.5	59.5	52.3	59.3	58.4	58.5	59.1	58.6
ARS96277	61.4	58.8	61.8	61.6	60.0	59.3	60.3	61.0	59.1	60.0	61.4	60.7	60.2	61.3	57.6	60.6	59.9	62.0	62.0	60.5
BRUNDAGE 96	60.0	55.5	60.0	59.4	57.6	57.1	57.7	58.6	55.2	56.7	59.6	57.8	58.6	59.2	53.5	58.8	56.8	58.8	59.8	57.9
CASHUP	60.9	57.9	61.8	59.9	59.2	58.5	59.4	59.7	59.4	59.0	60.5	60.4	60.4	60.5	55.9	60.2	60.0	60.5	60.7	59.7
CLEARFIRST	59.1	57.1	61.2	60.1	58.5	58.4	59.3	58.9	57.3	58.6	60.0	59.4	59.7	59.2	54.7	59.3	57.2	59.5	60.6	58.9
DUNE	61.7	58.1	62.1	60.9	59.0	59.2	59.9	60.3	56.4	59.4	61.3	61.1	60.6	60.9	54.0	60.2	59.3	60.1	61.2	59.8
ELTAN	60.9	57.7	61.9	59.4	59.8	59.3	58.9	59.3	56.5	59.0	59.6	59.4	60.5	60.4	54.3	59.2	58.8	59.3	59.6	59.2
FINCH	61.5	58.6	62.0	60.1	60.2	59.1	59.9	60.2	57.3	60.2	61.3	60.2	61.3	61.1	55.8	61.1	59.2	60.6	60.3	60.0
GMGQ1	60.3	57.0	60.3	59.6	58.9	58.5	58.5	58.3	55.9	57.8	60.0	59.4	60.0	59.6	52.8	59.3	58.3	58.8	58.9	58.5
GMGQ2	59.2	56.3	60.6	58.8	57.3	56.3	57.1	57.9	53.6	56.8	58.9	56.9	59.2	58.1	50.6	57.4	55.5	57.6	57.8	57.2
HILL 81	61.4	57.8	59.7	60.2	59.1	59.2	59.2	59.6	58.4	59.4	61.1	59.7	60.6	60.5	57.0	60.1	58.9	60.6	60.9	59.7
HUBBARD	61.8	58.6	62.0	61.7	59.2	59.3	59.2	60.3	58.3	59.3	61.3	59.9	60.9	61.4	55.3	60.1	59.3	60.6	61.2	60.0
IDAHO 587	60.6	56.9	61.7	59.8	58.4	58.8	58.9	59.4	57.8	58.5	60.6	59.3	59.5	59.9	54.9	59.9	58.9	59.4	61.4	59.2
LAMBERT	60.5	57.2	61.8	60.4	58.0	58.3	58.6	58.4	54.9	58.1	59.6	60.2	60.2	60.6	54.7	59.5	59.3	59.0	61.2	59.0
LEWJAIN	61.9	58.2	62.2	61.0	60.6	58.6	60.2	60.2	57.0	59.4	60.4	59.0	61.6	60.7	52.1	59.6	58.1	58.9	59.4	59.4
MADSEN	60.2	57.3	61.2	60.0	58.6	58.1	59.2	59.1	56.5	58.5	60.7	58.8	60.5	59.6	53.4	59.2	57.3	59.7	60.3	58.9
MASAMI	59.9	57.1	60.8	59.1	58.4	57.6	58.5	58.3	57.7	57.9	59.2	58.2	59.0	59.2	53.8	58.8	57.2	59.2	59.2	58.4
MJ-4	57.7	55.7	59.0	57.8	58.2	57.4	56.8	58.2	53.7	58.8	58.2	58.5	59.8	57.8	53.1	58.1	56.9	58.6	58.2	57.5
MJ-9	56.8	55.7	59.7	57.6	57.9	57.1	57.3	57.5	56.5	58.4	59.6	59.1	60.0	57.6	53.2	58.2	57.5	58.7	59.0	57.8
MOHLER	61.1	57.2	61.6	60.8	58.8	56.5	59.8	60.0	56.7	58.4	61.1	60.4	60.6	60.3	54.7	59.8	59.2	60.3	61.6	59.4
OR990553	57.6	0.0	60.0	58.3	57.6	58.0	57.2	58.1	57.7	58.2	59.8	60.0	60.3	58.9	57.0	58.5	58.2	59.7	59.6	55.5
ORCF-101	60.7	0.0	61.7	59.4	58.3	58.1	56.3	59.5	57.0	58.2	61.0	59.1	59.7	59.7	56.0	59.6	58.5	59.5	60.5	56.0
ROD	60.4	56.3	59.9	58.5	58.5	57.1	58.4	58.5	54.8	57.8	59.1	59.2	60.4	58.2	52.9	59.3	58.0	58.7	58.7	58.2
SIMON	60.0	56.6	60.8	59.9	58.5	58.7	59.1	59.1	54.6	59.1	59.9	59.7	60.1	59.1	53.9	59.0	58.4	59.4	60.4	58.8
STEPHENS	60.3	57.2	61.3	60.0	58.4	58.2	59.0	59.5	57.7	58.1	59.9	59.5	58.9	59.8	55.3	59.7	59.2	59.2	60.6	59.1
TUBBS	60.1	56.5	60.8	58.7	58.2	56.2	58.2	58.1	55.4	57.5	60.3	58.8	61.0	59.6	53.2	58.9	57.7	59.4	59.9	58.3
WA7933	60.9	58.4	62.2	61.1	59.1	59.1	59.7	59.3	59.2	59.4	61.8	60.5	61.0	61.0	56.3	59.9	59.2	60.4	61.2	60.0
WA7934	60.2	57.2	61.6	59.6	59.4	57.8	59.0	59.4	57.5	58.9	59.8	59.1	60.5	59.9	55.5	59.4	58.8	59.2	59.4	59.1
WA7935	60.6	58.4	61.7	60.6	59.2	58.8	59.4	59.7	57.3	58.8	60.8	60.1	60.5	60.6	53.2	59.8	58.6	59.2	60.0	59.3
WA7965	60.5	58.0	61.9	60.8	59.0	59.1	59.2	60.1	58.7	59.6	61.2	60.2	61.3	60.7	55.3	60.3	57.9	60.4	60.3	59.7
WB 528	62.1	58.7	63.2	61.9	59.9	60.1	60.7	60.8	59.2	60.0	62.1	61.6	61.5	62.2	57.5	61.1	60.3	61.8	62.2	60.9
<b>Soft White Club</b>																				
ARS00173	60.5	57.1	60.3	59.2	58.2	58.1	57.8	59.5	56.6	58.8	59.9	58.8	59.1	60.1	55.9	59.1	57.7	59.2	60.3	58.8
ARS00226	60.7	57.1	60.7	58.8	59.9	58.6	59.1	59.8	57.5	60.4	59.6	60.9	60.3	60.3	57.6	60.9	59.8	60.7	60.8	59.7
ARS00235	61.1	59.1	61.2	61.1	59.6	59.7	57.7	59.6	59.6	60.1	61.6	60.9	61.0	61.0	57.4	60.6	60.3	60.3	61.4	60.2
ARS97135	59.1	56.0	60.0	53.6	57.5	56.8	57.2	57.9	56.1	57.8	58.9	58.2	58.9	58.7	53.2	58.4	56.8	59.0	59.7	57.6
ARS97173	60.8	57.6	61.8	60.8	58.3	58.2	58.9	59.2	57.3	58.4	61.1	59.3	58.7	60.0	53.5	58.7	58.3	59.3	60.4	59.0
BRUEHL	59.7	56.6	59.2	57.7	57.8	56.4	57.8	58.0	55.2	57.6	58.1	57.4	59.6	57.8	52.6	56.9	56.1	57.7	57.9	57.4
CHUKAR	59.0	56.1	59.5	58.4	56.4	57.2	57.1	57.8	57.2	58.4	59.0	58.9	60.0	58.7	55.9	58.8	58.3	59.1	59.7	58.2
CODA	61.7	58.5	62.5	61.0	60.4	60.6	60.1	60.5	60.6	61.1	61.7	61.9	61.5	61.8	57.8	61.2	61.3	61.3	62.0	60.9
EDWIN	61.5	58.9	61.5	60.3	58.8	59.1	58.6	59.5	60.3	59.2	60.9	61.0	60.4	61.6	55.0	60.9	61.2	60.5	62.1	60.1
F1182 M1-10	59.5	57.4	59.5	58.9	58.3	58.0	57.8	58.0	56.2	58.2	58.3	58.0	58.8	58.3	54.7	57.8	57.0	58.0	58.6	58.0
HILLER	44.3	56.8	59.9	57.3	58.4	56.9	57.8	57.9	56.5	57.8	57.0	57.8	58.2	57.8	55.8	57.6	57.7	58.0	59.0	57.0
MEL	61.4	60.3	62.9	61.7	60.3	61.0	60.7	60.7	61.0	60.8	62.0	62.5	61.3	62.1	57.9	61.9	61.1	61.5	62.3	61.2
RELY	60.4	58.2	61.2	59.6	58.9	59.1	59.2	59.4	58.0	59.2	60.7	59.8	59.5	60.2	56.7	59.8	58.8	60.1	61.1	59.5
<b>Hard White Common</b>																				
WA7936	61.4	58.9	62.1	60.9	60.4	59.4	60.1	60.2	57.9	60.5	61.3	60.3	62.9	61.3	53.6	60.8	59.8	60.5	61.3	60.2
MEAN	60.0	55.0	61.1	59.7	58.7	58.3	58.7	59.2	57.3	58.8	60.2	59.6	60.2	59.9	54.7	59.5	58.5	59.6	60.3	58.9
CV%	7.3	1.3	1.1	2.4	1.0	1.6	1.4	0.5	1.5	0.9	1.1	1.2	1.3	0.5	2.2	0.6	0.9	0.9	0.6	2.1
LSD	5.1	0.9	0.8	1.7	0.7	1.1	1.0	0.3	1.0	0.6	0.8	0.8	0.9	0.4	1.4	0.4	0.6	0.6	0.4	0.3

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VARIETY NAME	PROTEIN (%)																			VARIETY MEAN
	LIND	ST. ANDREWS	RITZVILLE	HARRINGTON	CRESTON	FAIRFIELD	ALMIRA	DAYTON	ANATONE	REARDAN	DUSTY	COLTON	MOSES LAKE	LAMONT	FARMINGTON	MAYVIEW	PULLMAN	ST. JOHN	WALLA WALLA	
<b>Soft White Common</b>																				
89S-88D	11.4	8.9	10.8	9.3	10.0	10.6	11.0	11.2	11.7	9.5	9.4	8.7	9.8	10.7	11.4	10.0	10.5	11.1	11.5	10.4
96GEO68	12.1	9.6	10.9	10.6	9.9	10.9	10.6	10.7	11.9	9.6	10.0	9.1	9.6	10.6	11.8	10.0	10.7	10.7	11.3	10.6
ALBION	11.2	9.3	11.1	9.9	9.3	10.8	10.2	10.7	12.0	10.6	9.4	9.1	10.1	10.4	11.8	9.7	10.1	10.6	11.2	10.4
ARS96277	11.4	9.5	10.9	9.8	10.1	10.5	10.5	11.2	11.7	9.9	9.6	9.3	8.5	11.2	11.6	10.4	10.4	10.9	11.6	10.5
BRUNDAGE 96	11.0	9.4	11.0	10.1	10.4	10.9	10.5	10.9	12.5	9.3	9.4	9.4	8.9	10.6	12.0	10.0	10.8	10.6	11.4	10.5
CASHUP	11.0	9.0	10.8	8.6	10.0	10.0	10.3	11.2	11.6	9.1	9.0	8.8	9.3	10.2	11.2	9.8	10.5	10.8	11.5	10.2
CLEARFIRST	13.8	10.8	12.9	10.7	11.7	11.4	12.6	12.0	12.4	10.5	11.1	9.9	9.9	12.3	12.0	11.0	11.7	12.0	12.5	11.7
DUNE	11.3	8.7	11.8	10.3	10.9	11.5	10.4	10.9	12.7	9.2	9.8	9.1	8.9	11.2	12.2	10.0	10.8	10.0	11.5	10.6
ELTAN	11.1	8.8	10.5	9.5	10.6	9.6	8.9	10.1	12.4	8.8	9.5	9.0	9.3	9.5	11.7	9.3	10.5	10.2	11.5	10.1
FINCH	11.8	9.0	10.0	9.4	9.3	11.1	10.1	11.0	12.4	8.6	9.2	9.7	9.3	10.2	11.8	10.1	10.5	11.2	11.8	10.3
GMGQ1	10.9	8.5	10.2	9.4	9.7	10.5	9.6	10.6	12.4	9.6	9.0	8.7	9.5	9.8	12.1	10.0	10.4	10.9	11.6	10.2
GMGQ2	11.5	8.4	10.4	9.6	10.8	10.2	9.5	10.0	11.9	9.0	9.0	8.8	9.0	10.1	11.6	9.4	10.6	9.7	11.0	10.0
HILL 81	11.7	8.5	10.4	10.4	10.4	10.4	10.4	11.2	12.4	9.9	10.0	9.1	9.4	10.5	11.7	10.9	10.8	11.3	11.6	10.6
HUBBARD	11.9	9.6	10.9	11.2	9.9	10.6	9.8	11.2	12.1	9.3	9.9	8.5	9.8	10.5	11.7	10.1	10.3	11.0	11.5	10.5
IDAHO 587	11.3	9.6	11.7	12.2	11.0	10.7	10.9	11.1	12.1	10.1	9.8	9.5	9.2	11.6	11.8	10.2	10.7	10.7	11.1	10.8
LAMBERT	10.8	9.0	10.8	10.5	10.9	10.5	10.7	11.3	12.6	9.6	9.8	9.1	8.7	10.8	11.8	10.2	10.6	9.8	11.4	10.5
LEWJAIN	11.5	8.6	10.8	9.4	10.7	10.3	9.8	10.7	12.4	9.1	9.3	9.6	9.4	10.7	11.8	10.0	10.8	11.3	11.6	10.4
MADSEN	12.3	9.6	10.7	10.8	10.1	10.5	11.3	11.4	12.4	9.5	10.6	9.6	9.7	11.2	12.2	10.3	11.0	11.1	12.1	10.9
MASAMI	11.8	9.1	10.9	9.3	10.0	10.6	9.9	10.5	11.8	9.0	9.5	9.3	8.3	10.2	11.5	9.9	10.5	10.7	11.4	10.2
MJ-4	12.7	9.3	10.9	9.9	10.5	11.0	11.1	11.3	12.8	10.2	9.9	9.1	9.4	10.9	12.3	10.4	11.0	11.2	11.8	10.8
MJ-9	12.8	9.1	11.0	9.0	10.3	9.9	10.4	11.3	11.9	9.4	10.2	8.4	9.1	10.4	12.2	9.7	10.5	10.8	11.3	10.4
MOHLER	11.4	9.8	10.7	9.7	10.7	10.8	10.2	11.3	12.3	9.9	9.5	9.1	8.9	11.1	11.6	10.2	10.4	10.8	11.7	10.5
OR990553	14.3	0.0	12.7	12.4	12.6	11.4	12.3	12.6	12.8	11.4	11.2	9.8	10.2	12.2	12.3	10.8	11.7	11.7	12.3	11.3
ORCF-101	12.0	0.0	10.6	11.8	10.9	10.8	11.6	11.5	12.7	10.6	10.9	10.0	9.9	11.7	12.0	10.8	11.2	11.7	11.9	10.7
ROD	11.1	9.0	9.4	9.1	9.4	10.0	9.8	10.4	12.3	8.8	9.8	9.0	9.0	10.4	11.4	9.7	10.1	10.8	11.5	10.1
SIMON	12.1	9.4	11.5	10.0	11.3	10.4	11.2	11.2	12.5	10.7	10.0	9.1	9.3	11.5	12.0	10.4	11.1	11.4	11.8	10.9
STEPHENS	11.3	9.3	11.2	11.3	10.7	11.0	10.7	11.1	12.1	10.1	9.7	9.7	9.1	11.2	11.7	10.1	10.8	11.6	11.5	10.8
TUBBS	11.1	8.5	10.4	10.1	9.8	10.7	10.0	10.7	12.3	9.5	9.3	8.8	9.7	10.1	11.7	9.8	10.4	10.4	11.4	10.3
WA7933	12.6	9.9	11.9	10.8	10.7	10.6	11.5	12.2	12.4	10.1	10.7	9.4	10.0	11.5	12.2	11.1	11.3	11.7	12.5	11.2
WA7934	11.2	8.5	11.0	10.2	9.8	10.5	8.8	10.2	11.8	9.9	9.4	9.6	9.3	10.2	11.3	9.4	10.7	10.7	11.9	10.2
WA7935	11.5	8.9	10.8	10.0	10.6	10.6	9.8	10.6	12.1	9.8	10.2	9.3	9.1	10.7	11.9	10.3	10.8	10.4	11.6	10.5
WA7965	11.4	10.1	10.9	10.1	9.7	10.9	11.1	10.7	12.5	9.6	9.1	9.3	10.6	11.0	12.3	10.2	10.8	11.3	12.3	10.7
WB 528	11.0	9.3	11.0	10.0	10.8	11.3	11.7	11.9	12.4	10.2	10.0	9.9	9.8	11.1	11.9	10.4	10.3	11.5	11.8	10.9
<b>Soft White Club</b>																				
ARS00173	11.2	9.5	10.2	10.3	9.3	9.8	10.7	10.5	12.0	9.5	9.9	8.8	9.0	10.6	11.5	10.3	11.0	9.0	11.7	10.3
ARS00226	11.8	9.3	10.7	10.8	10.1	10.9	10.8	11.2	13.1	9.7	11.1	9.3	9.8	10.7	11.8	10.0	10.6	10.4	12.0	10.7
ARS00235	11.4	8.8	10.3	11.2	9.5	10.1	10.7	11.3	12.6	10.5	10.9	9.0	9.3	10.6	11.5	10.3	10.6	10.4	12.1	10.6
ARS97135	12.5	9.1	9.9	9.9	9.7	10.3	10.3	10.4	12.6	9.6	9.0	9.2	9.7	10.0	12.2	10.8	11.1	10.3	11.9	10.5
ARS97173	12.3	8.6	11.2	10.4	10.7	10.2	11.2	10.9	12.4	10.2	10.3	8.6	9.6	10.9	11.5	10.6	11.0	10.0	11.5	10.6
BRUEHL	11.0	9.3	10.0	9.2	9.9	10.8	10.4	10.7	12.4	9.4	9.7	9.5	10.2	10.8	12.4	11.2	11.5	10.2	12.1	10.6
CHUKAR	12.1	8.1	9.0	9.1	8.6	10.1	9.9	9.9	12.2	8.8	8.7	8.5	10.4	9.2	11.5	9.8	10.5	10.2	11.8	9.9
CODA	11.7	9.6	10.3	8.5	9.7	10.4	10.6	11.1	12.5	9.8	9.6	9.0	9.4	10.3	12.2	10.0	10.5	11.1	12.0	10.5
EDWIN	10.9	9.3	10.3	9.5	9.4	10.9	10.8	10.9	12.9	9.7	9.3	9.4	9.0	10.8	12.8	11.2	10.6	11.3	12.4	10.6
F1182 M1-10	11.1	9.6	10.0	10.2	9.9	10.3	10.1	11.1	12.5	10.2	9.8	9.4	10.1	11.0	11.7	10.4	11.3	10.1	12.0	10.6
HILLER	8.6	9.4	10.2	8.4	10.1	10.1	10.0	10.0	12.0	9.6	9.4	9.2	9.8	10.6	11.2	10.0	10.4	10.4	11.4	10.1
MEL	13.2	9.9	11.5	10.6	10.2	10.2	12.5	11.7	12.3	10.7	10.7	9.7	9.5	11.7	12.3	10.8	10.9	11.3	12.2	11.1
RELY	10.9	9.6	10.0	8.7	9.5	9.8	10.2	10.7	12.5	9.4	10.0	9.0	9.1	10.4	11.4	10.2	10.2	10.6	11.5	10.2
<b>Hard White Common</b>																				
WA7936	10.5	8.2	10.4	7.8	10.3	9.3	8.9	11.1	12.8	9.8	9.1	8.5	10.5	8.7	12.7	9.6	10.8	10.3	11.8	10.1
<b>MEAN</b>																				
MEAN	11.6	8.8	10.8	10.0	10.2	10.6	10.5	11.0	12.3	9.7	9.8	9.2	9.5	10.7	11.9	10.2	10.7	10.8	11.7	10.5
<b>CV%</b>																				
CV%	9.6	9.2	5.8	10.1	6.4	6.3	6.3	3.1	3.5	7.5	8.6	6.3	8.5	4.2	3.6	5.2	3.2	8.2	1.6	6.4
<b>LSD</b>																				
LSD	1.3	1.0	0.7	1.2	0.8	0.8	0.8	0.4	0.5	0.9	1.0	0.7	0.9	0.5	0.5	0.6	0.4	1.0	0.2	0.2