

SUMMARY: SPRING WHEAT – 2006 WSU VARIETY TESTING DATA

1. Attached are **SUMMARIES** for yield, test weight and percent grain protein from the sixteen (16) Spring Wheat nurseries in the 2006 Variety Testing Program. Summary tables include data for each of the three market class (soft white, hard white and hard red) nurseries established. Two (2) locations are not listed in the 2006 data set (Dusty and Fairfield) since field variation (CV %) in these nurseries was outside the limits for providing accurate performance evaluations among the varieties/experimental lines. Most of the locations listed are within the vicinity of the towns listed; however, Mayview is a location in Garfield County approximately 25 NE of Pomeroy, WA, and St Andrews is located about 10 miles north of Coulee City, WA in Douglas County. If you have questions about locations please don't hesitate to let us know.
2. The **soft white spring** nurseries included 18 varieties/experimental lines in 2006. **Four (4)** of the entries were soft white **spring clubs** and are listed in italics in the summary sheets. There were **twelve (12) hard white spring** and **twenty (20) hard red spring** varieties/experimental lines tested in the nurseries.
3. **Average yield across** all 16 locations in 2006 was 54.7, 58.5 and 58.0 bu/ac for soft white, hard white and hard red spring market classes, respectively. The 2006 average yields across all locations were **higher than a previous 3-yr** (2003, 2004, and 2005) average by 25.7%, 26.8% and 28.3% for soft white, hard white and hard red spring wheat respectively. Environmental extremes were manifested throughout the growing season that included: drought/heat stress from mid-April to mid-May, killing frost period in early May 2006, good precipitation and cool weather in late May and early June and capped off with some severe heat stress periods in both June and July. All of these factors created a real stop & go growth and development pattern for spring wheat during the growing season; however in general spring wheat performed better than expected considering all the environmental stresses.
4. Average **Test Weight** value across all locations for each market class was 58.8, 59.6 and 58.9 lb/bu for soft white, hard white and hard red spring wheat, respectively. Even though the overall averages were somewhat low, certain locations had excellent test weight quality that was probably reflective of late May precipitation and June rainfall patterns coupled with cool weather that was favorable to kernel development and fill. **Percent grain protein** had an average of 12.0%, 13.1% and 14.9% for soft white, hard white and hard red spring wheat, respectively. The relatively high soft white spring average grain protein percent average was probably elevated by the heat stress periods during kernel fill.
5. **IMPORTANT: AVERAGE Yield, Test Weight and Percent Grain Protein rank** comparisons can only fairly be judged within a given location. Each of the data sets attached have varieties sorted high-to-low on the **average of ALL 16 locations** that is only calculated to give a quick **snapshot** of all varieties across all locations.

2006 SOFT WHITE SPRING WHEAT VARIETY TRIAL SUMMARY

PROTEIN (%)

VARIETY NAME (<i>SWH Club in italics</i>)	ST. ANDREWS	BICKLETON	WALLA WALLA	ALMIRA	PULLMAN	ST. JOHN	FARMINGTON	DAYTON	HORSE HEAVEN	REARDAN	MAYVIEW	LIND	MOSES LAKE (<i>irrigated</i>)	LAMONT	RITZVILLE	CONNELL	AVERAGE PROTEIN (%)
<i>EDEN</i>	10.0	10.0	11.1	10.6	10.7	11.3	11.2	11.1	11.1	11.2	11.7	11.6	12.3	12.2	12.1	12.3	11.3
<i>LOUISE</i>	9.0	10.7	9.9	10.3	10.9	11.1	11.5	11.5	11.8	11.9	12.0	12.1	12.9	12.3	13.2	12.6	11.5
<i>ALTURAS</i>	9.6	11.4	10.6	10.9	11.0	11.0	11.1	11.4	12.1	11.5	11.8	12.2	11.8	11.9	12.6	12.6	11.5
<i>UI PETTIT</i>	9.5	10.9	11.5	10.7	10.8	11.6	10.9	11.6	11.2	11.3	11.9	12.3	12.0	12.7	12.6	12.2	11.5
<i>WA007964</i>	9.3	11.0	10.2	10.8	10.7	10.4	11.4	10.7	12.5	LATE	12.4	13.0	11.7	12.1	12.7	13.6	11.5
<i>ALPOWA</i>	9.3	10.5	10.6	10.8	11.3	11.4	11.3	12.0	11.5	11.7	11.7	12.0	13.1	12.9	14.1	13.1	11.7
<i>EDWALL</i>	10.3	11.0	11.8	11.1	11.0	11.2	11.4	12.3	11.3	11.9	12.2	12.0	12.2	12.4	13.4	13.0	11.8
<i>NICK</i>	9.2	10.3	11.6	10.7	11.5	11.8	11.6	11.9	12.0	12.3	12.3	13.1	11.9	12.9	12.7	13.4	11.8
<i>UI CATALDO</i>	9.8	11.0	11.3	11.0	11.3	11.3	11.8	12.1	12.4	12.1	11.9	12.7	12.0	12.6	13.0	13.2	11.8
<i>WAKANZ</i>	10.2	11.6	11.1	11.2	10.9	11.2	12.1	11.1	12.9	11.8	11.8	12.7	12.4	13.0	12.9	13.3	11.9
<i>WA008008</i>	10.3	10.4	11.6	10.9	11.6	11.6	12.0	12.2	11.9	12.2	12.3	12.3	12.7	13.2	12.5	13.0	11.9
<i>FIELDER</i>	10.5	10.7	11.8	11.6	11.6	11.7	11.5	11.6	12.1	12.0	12.8	12.7	12.2	12.3	13.3	13.3	12.0
<i>WAWAWAI</i>	9.9	11.5	11.0	11.4	11.5	11.6	11.9	12.1	12.3	12.1	12.4	12.9	12.3	13.1	13.5	13.6	12.1
<i>ZAK</i>	10.5	11.4	10.5	11.3	11.3	11.8	11.6	11.9	12.9	12.1	12.6	13.1	13.0	12.3	14.8	14.1	12.2
<i>WA008007</i>	9.8	11.5	10.7	11.4	11.8	12.4	11.8	11.6	12.5	12.4	12.9	12.7	13.2	13.9	14.2	13.9	12.3
<i>WA007987</i>	11.3	11.9	12.1	12.4	12.6	12.7	13.4	13.2	11.3	12.9	13.7	13.5	13.4	14.3	13.8	14.7	12.9
<i>WA007988</i>	10.0	12.1	12.3	11.9	11.8	13.0	12.3	13.5	13.3	12.4	13.7	13.1	14.2	14.5	14.9	14.2	13.0
<i>WA007986</i>	11.1	11.8	12.4	12.0	11.9	13.3	12.8	12.4	13.5	13.1	13.5	13.4	13.9	15.1	15.0	15.0	13.1
C.V.	4.6	5.5	3.4	4.0	4.0	3.1	3.5	5.1	8.0	3.9	3.4	1.6	6.6	2.0	7.0	1.5	4.5
LSD	0.6	0.8	0.5	0.6	0.6	0.5	0.6	0.8	1.3	0.6	0.6	0.3	1.1	0.4	1.3	0.3	0.2
Average	10.0	11.1	11.2	11.2	11.3	11.7	11.8	11.9	12.1	12.1	12.4	12.6	12.6	13.0	13.4	13.4	12.0
Highest	11.3	12.1	12.4	12.4	12.6	13.3	13.4	13.5	13.5	13.1	13.7	13.5	14.2	15.1	15.0	15.0	13.1
Lowest	9.0	10.0	9.9	10.3	10.7	10.4	10.9	10.7	11.1	11.2	11.7	11.6	11.7	11.9	12.1	12.2	11.3

2006 SOFT WHITE SPRING WHEAT VARIETY TRIAL SUMMARY

YIELD (BU/A)

VARIETY NAME (<i>SWH Club in italics</i>)	ST. ANDREWS	BICKLETON	RITZVILLE	LIND	CONNELL	MAYVIEW	HORSE HEAVEN	WALLA WALLA	DAYTON	PULLMAN	ALMIRA	REARDAN	LAMONT	ST. JOHN	FARMINGTON	MOSES LAKE (irrigated)	AVERAGE YIELD (BU/A)
LOUISE	25.6	40.0	35.0	42.6	44.1	40.8	45.1	57.8	63.7	75.2	78.7	85.5	87.5	82.4	96.9	86.2	61.7
NICK	16.3	44.3	45.1	38.8	45.2	45.3	45.8	43.2	72.7	75.5	81.2	75.8	84.0	74.3	91.1	91.6	60.6
WA008007	25.2	34.2	38.1	46.7	43.1	35.6	48.1	53.6	73.3	68.8	77.6	75.9	74.6	79.7	91.3	85.3	59.4
WAKANZ	20.6	34.6	38.8	39.2	39.0	44.9	42.5	51.2	65.4	73.0	67.1	90.6	76.7	74.4	92.0	94.4	59.0
WA007964	15.7	33.9	40.3	42.8	36.6	44.5	45.3	50.3	74.9	72.4	70.6	LATE	87.1	80.6	85.3	105.4	59.0
EDEN	20.9	41.5	38.3	37.2	41.0	42.9	40.4	40.2	65.8	74.8	72.2	79.2	68.6	70.2	89.2	99.8	57.6
ALTURAS	24.0	29.0	36.7	38.9	39.7	37.3	39.4	46.9	68.7	69.2	70.0	73.3	77.6	76.5	86.2	100.5	57.1
WAWAWAI	21.2	37.5	32.5	39.5	40.7	43.3	36.2	52.9	60.8	70.3	61.2	77.3	75.5	74.6	90.0	93.9	56.7
UI CATALDO	17.2	37.2	36.1	34.1	39.1	40.4	40.1	44.9	59.1	72.1	69.2	75.8	75.4	73.3	89.9	102.8	56.7
ALPOWA	15.1	40.3	37.2	41.0	38.9	42.6	38.5	54.3	60.5	74.7	70.0	69.3	66.9	82.0	84.7	85.9	56.4
WA008008	16.5	39.1	37.3	34.8	38.8	36.8	44.8	35.4	64.0	76.4	70.6	66.6	64.6	71.9	83.0	95.0	54.7
UI PETTIT	18.5	37.9	34.1	35.2	37.4	44.1	42.0	36.5	67.3	69.4	71.9	69.2	66.5	63.5	82.2	99.5	54.7
ZAK	22.4	35.5	34.3	37.7	38.2	43.4	30.0	54.6	68.2	55.8	59.7	59.2	75.7	71.0	72.2	87.7	52.9
WA007986	18.7	30.7	37.2	35.8	34.3	33.6	42.8	34.2	55.6	71.6	70.4	68.8	64.5	72.1	79.6	80.7	51.9
WA007987	17.9	30.7	35.0	36.1	34.6	31.4	41.4	41.7	58.2	68.0	59.4	66.9	57.0	66.6	80.1	82.9	50.5
WA007988	16.4	27.4	34.7	36.4	35.3	29.4	39.6	30.7	51.9	64.2	69.7	63.5	54.9	67.8	65.8	83.2	48.2
EDWALL	17.3	38.7	34.7	33.6	36.2	34.4	29.1	31.7	50.1	52.7	54.0	46.3	48.6	63.8	66.3	96.6	45.9
FIELDER	20.1	31.2	30.0	32.0	32.3	35.4	22.6	33.3	48.0	37.9	51.6	39.5	47.9	59.3	48.2	90.8	41.3
C.V.	22.5	15.1	11.4	4.6	6.7	8.4	6.0	12.1	6.5	4.9	8.8	5.5	6.3	5.3	7.6	16.0	10.1
LSD	6.0	7.4	5.7	2.4	3.6	4.6	3.3	7.4	5.6	4.6	8.3	5.3	6.0	5.3	8.6	20.4	1.9
Average	19.4	35.8	36.4	37.9	38.6	39.2	39.7	44.1	62.7	67.9	68.0	69.6	69.6	72.4	81.9	92.3	54.7
Highest	25.6	44.3	45.1	46.7	45.2	45.3	48.1	57.8	74.9	76.4	81.2	90.6	87.5	82.4	96.9	105.4	61.7
Lowest	15.1	27.4	30.0	32.0	32.3	29.4	22.6	30.7	48.0	37.9	51.6	39.5	47.9	59.3	48.2	80.7	41.3

2006 SOFT WHITE SPRING WHEAT VARIETY TRIAL SUMMARY

TEST WEIGHT (LBS/BU)

VARIETY NAME (<i>SWH Club in italics</i>)	ST. ANDREWS	HORSE HEAVEN	RITZVILLE	PULLMAN	REARDAN	CONNELL	MAYVIEW	BICKLETON	MOSES LAKE (<i>irrigated</i>)	DAYTON	ALMIRA	WALLA WALLA	FARMINGTON	LIND	ST. JOHN	LAMONT	AVERAGE TEST WEIGHT (LBS/BU)
UI PETTIT	58.7	60.9	60.4	60.3	61.9	61.8	61.7	61.5	59.7	60.5	62.0	60.8	61.2	62.4	63.0	62.5	61.2
<i>EDEN</i>	58.7	58.6	59.3	60.2	59.4	60.9	60.0	60.1	61.7	59.9	61.5	60.8	61.2	61.7	62.1	62.7	60.5
NICK	57.7	59.8	58.3	58.3	60.6	60.3	59.6	60.6	59.7	59.5	60.8	60.9	60.4	61.1	61.7	61.6	60.1
ALPOWA	57.4	56.8	58.3	58.2	60.2	58.0	59.8	60.1	56.1	59.7	60.9	62.0	61.0	61.1	61.4	62.4	59.6
WAWAWAI	58.7	57.3	56.9	58.7	55.7	60.3	59.4	58.5	60.0	59.4	58.9	60.9	60.2	61.0	61.8	61.5	59.3
<i>WA007988</i>	56.6	57.8	58.6	60.4	56.6	58.5	56.7	59.6	59.1	60.7	60.8	59.4	60.8	60.9	61.5	61.3	59.3
ALTURAS	56.6	57.9	57.1	57.6	60.6	59.2	58.8	58.2	59.4	60.0	58.7	59.8	60.3	60.3	60.6	61.7	59.2
<i>WA008008</i>	56.7	58.6	57.3	59.1	58.5	60.0	58.4	59.1	58.9	57.5	59.8	59.6	60.2	60.9	60.9	60.9	59.1
UI CATALDO	55.3	57.7	56.8	58.4	60.1	58.8	58.3	58.2	60.6	58.9	59.3	59.5	59.4	60.2	60.5	60.9	58.9
<i>WA007987</i>	57.1	56.7	57.4	58.5	57.4	58.1	56.5	58.1	59.3	58.9	59.5	59.9	60.6	60.2	61.1	61.2	58.8
<i>WA007986</i>	56.8	56.8	56.8	60.7	55.9	56.2	56.4	58.5	59.2	59.9	60.6	59.4	61.2	59.6	61.6	61.4	58.8
LOUISE	56.5	57.6	55.0	58.2	59.9	59.8	57.7	56.7	58.1	59.0	59.7	59.8	59.3	61.1	60.5	61.2	58.7
ZAK	57.7	55.1	56.6	56.4	58.1	57.2	58.6	59.1	57.3	59.6	58.0	60.2	58.5	59.9	60.5	61.7	58.4
WAKANZ	55.9	54.2	56.6	57.6	59.3	56.0	57.7	56.6	58.2	59.4	57.8	59.3	58.7	59.0	60.4	61.1	58.0
<i>WA007964</i>	53.1	54.7	56.5	57.4	LATE	54.9	57.1	58.7	59.4	58.9	57.7	58.3	58.4	58.7	59.7	60.9	57.6
FIELDER	52.2	53.9	56.6	53.3	56.1	57.3	58.3	58.5	59.2	58.7	57.2	59.2	57.5	58.6	59.9	59.8	57.3
<i>WA008007</i>	53.0	55.8	55.3	57.8	53.8	56.4	57.3	57.7	56.5	57.4	58.4	58.3	58.7	58.8	60.3	59.8	57.2
EDWALL	55.1	52.2	53.2	52.8	54.0	54.8	56.6	57.2	57.1	54.2	55.0	57.3	56.3	56.5	58.3	57.6	55.5
C.V.	1.2	0.9	2.1	1.5	3.5	1.1	1.1	1.9	3.0	1.1	1.8	0.8	1.2	0.8	0.8	0.5	1.7
LSD	1.0	0.7	1.7	1.2	2.8	0.9	0.9	1.5	2.5	0.9	1.5	0.7	1.0	0.7	0.7	0.4	0.3
Average	56.3	56.8	57.1	58.0	58.1	58.3	58.3	58.7	58.9	59.0	59.3	59.7	59.7	60.1	60.9	61.1	58.8
Highest	58.7	60.9	60.4	60.7	61.9	61.8	61.7	61.5	61.7	60.7	62.0	62.0	61.2	62.4	63.0	62.7	61.2
Lowest	52.2	52.2	53.2	52.8	53.8	54.8	56.4	56.6	56.1	54.2	55.0	57.3	56.3	56.5	58.3	57.6	55.5

2006 HARD WHITE SPRING WHEAT VARIETY TRIAL SUMMARY

PROTEIN (%)

VARIETY	ST. ANDREWS	BICKLETON	ALMIRA	WALLA WALLA	ST. JOHN	PULLMAN	FARMINGTON	DAYTON	RITZVILLE	MAYVIEW	HORSE HEAVEN	LIND DRY	LAMONT	MOSES LAKE (irrigated)	CONNELL	REARDAN	AVERAGE PROTEIN (%)
BLANCA GRANDE	11.1	11.4	12.6	13.9	13.1	13.1	13.4	14.1	14.0	14.6	14.0	14.4	15.3	14.3	14.7	14.9	13.7
WA007990	11.7	11.9	12.3	12.8	12.7	13.4	13.5	13.6	14.5	15.1	14.9	14.6	14.5	14.4	15.2	14.3	13.7
ID377S	11.0	13.1	12.3	12.8	12.6	12.9	13.6	13.7	14.0	14.3	14.8	14.4	13.9	13.5	15.1	14.8	13.6
ALTA BLANCA	11.1	12.6	11.9	12.1	12.5	12.8	12.7	12.8	14.6	14.1	13.8	14.0	14.6	15.2	14.5	14.8	13.4
BZ903-455WP-d	10.7	11.5	12.9	12.4	12.2	12.8	13.1	12.7	13.8	13.8	14.0	14.8	14.9	14.6	14.7	15.2	13.4
WA008010	11.2	12.1	12.0	12.4	12.4	12.6	13.4	13.6	13.8	13.8	13.6	14.3	14.3	14.6	14.8	14.3	13.3
WAIKEA	10.7	11.6	12.1	12.7	12.7	12.7	13.1	13.4	13.4	13.8	13.4	13.9	14.2	14.9	14.0	14.8	13.2
LOLO	10.9	11.2	12.1	11.8	12.4	12.6	12.7	13.4	13.9	13.9	13.9	14.0	14.5	13.6	14.6	14.3	13.1
OTIS	11.0	11.3	12.1	11.9	12.1	12.7	12.6	12.7	13.8	13.8	14.4	13.9	13.8	13.7	14.4	14.2	13.0
WA008012	10.7	11.5	11.7	12.4	11.9	11.9	12.7	13.7	13.4	13.7	13.0	13.3	14.0	13.8	13.7	13.6	12.8
MACON	10.4	11.6	11.4	11.8	12.1	12.3	13.0	13.1	14.0	12.8	12.8	13.2	12.9	13.7	13.7	14.6	12.7
WQL9HDALP	9.6	10.9	10.5	10.7	10.7	11.3	11.7	12.0	12.1	11.7	12.7	11.9	12.0	12.7	12.2	11.7	11.5
C.V.	4.1	6.0	3.1	3.8	2.7	2.6	3.1	5.2	4.6	2.9	2.9	1.5	2.4	5.4	1.3	1.5	3.5
LSD	0.6	1.0	0.5	0.6	0.5	0.5	0.6	1.0	0.9	0.6	0.6	0.3	0.5	1.1	0.3	0.3	0.2
Average	10.8	11.7	12.0	12.3	12.3	12.6	13.0	13.2	13.8	13.8	13.8	13.9	14.1	14.1	14.3	14.3	13.1
Highest	11.7	13.1	12.9	13.9	13.1	13.4	13.6	14.1	14.6	15.1	14.9	14.8	15.3	15.2	15.2	15.2	13.7
Lowest	9.6	10.9	10.5	10.7	10.7	11.3	11.7	12.0	12.1	11.7	12.7	11.9	12.0	12.7	12.2	11.7	11.5

2006 HARD WHITE SPRING WHEAT VARIETY TRIAL SUMMARY

TEST WEIGHT (LBS/BU)

VARIETY	HORSE HEAVEN	RITZVILLE	PULLMAN	ST. ANDREWS	MAYVIEW	DAYTON	REARDAN	CONNELL	BICKLETON	ALMIRA	MOSES LAKE (irrigated)	FARMINGTON	LIND DRY	WALLA WALLA	ST. JOHN	LAMONT	AVERAGE TEST WEIGHT (LBS/BU)
BLANCA GRANDE	60.3	59.7	60.8	60.8	61.1	60.8	62.3	61.7	61.9	62.9	63.1	62.1	62.7	62.4	63.0	62.6	61.8
WA008012	59.0	59.3	60.1	59.9	59.6	58.4	61.2	60.7	61.2	61.7	61.5	61.2	61.6	61.8	62.6	62.4	60.8
LOLO	57.9	58.0	59.3	59.3	59.7	59.7	60.1	60.2	61.2	60.3	61.9	61.4	60.7	62.4	61.2	61.9	60.3
OTIS	56.0	58.1	59.2	60.0	59.6	60.2	59.7	58.1	60.9	60.3	60.3	60.9	60.7	61.5	61.2	62.8	60.0
ALTA BLANCA	57.9	57.9	59.2	59.1	59.7	60.5	58.9	59.0	59.6	60.7	58.3	61.8	60.4	62.0	62.1	62.4	60.0
WQL9HDALP	54.3	58.4	57.8	56.9	59.1	58.9	61.0	59.2	59.0	59.8	60.9	60.4	60.2	61.5	61.4	62.8	59.5
WA007990	55.0	57.2	58.6	57.4	58.4	59.7	59.9	58.9	60.8	59.8	60.1	60.6	59.8	61.5	60.5	62.1	59.4
ID377S	54.9	57.4	58.6	59.7	58.2	59.6	59.0	57.7	58.4	59.2	61.8	60.6	60.1	61.2	60.4	61.9	59.3
WA008010	57.5	56.9	56.9	58.5	58.1	58.0	59.2	59.1	57.6	59.4	58.3	59.6	60.3	60.9	61.3	61.5	58.9
BZ903-455WP-d	56.9	56.7	57.3	58.0	58.2	58.3	56.9	59.5	59.9	58.7	58.2	59.2	60.3	59.4	60.7	60.6	58.7
MACON	55.6	55.7	56.3	58.5	57.8	57.7	55.7	59.5	57.3	59.4	59.8	58.0	60.1	60.5	60.0	61.4	58.3
WAIKEA	57.2	56.3	57.7	58.2	57.1	56.7	56.4	59.4	58.7	59.1	57.0	58.1	59.8	58.8	60.3	60.6	58.2
C.V.	1.9	1.6	1.4	1.2	0.9	1.6	1.0	0.8	2.0	1.1	2.8	1.3	0.8	0.9	0.9	0.4	1.4
LSD	1.5	1.3	1.1	1.0	0.7	1.3	0.8	0.7	1.7	0.9	2.4	1.1	0.6	0.8	0.7	0.4	0.3
Average	56.9	57.6	58.5	58.9	58.9	59.0	59.2	59.4	59.7	60.1	60.1	60.3	60.6	61.2	61.2	61.9	59.6
Highest	60.3	59.7	60.8	60.8	61.1	60.8	62.3	61.7	61.9	62.9	63.1	62.1	62.7	62.4	63.0	62.8	61.8
Lowest	54.3	55.7	56.3	56.9	57.1	56.7	55.7	57.7	57.3	58.7	57.0	58.0	59.8	58.8	60.0	60.6	58.2

WSU EXTENSION UNIFORM CEREAL VARIETY TESTING PROGRAM: <http://variety.wsu.edu>

2006 HARD WHITE SPRING WHEAT VARIETY TRIAL SUMMARY

YIELD (BU/A)

VARIETY	ST. ANDREWS	CONNELL	RITZVILLE	BICKLETON	LIND DRY	MAYVIEW	HORSE HEAVEN	REARDAN	DAYTON	ALMIRA	WALLA WALLA	LAMONT	ST. JOHN	PULLMAN	FARMINGTON	MOSES LAKE (irrigated)	AVERAGE YIELD (BU/A)
BZ903-455WP-d	20.1	39.5	44.7	45.2	40.0	45.8	47.6	76.0	77.0	73.0	77.4	82.4	82.2	84.4	104.9	115.5	66.0
LOLO	21.8	39.6	38.8	42.8	45.2	47.3	41.9	69.8	73.1	75.8	84.3	74.7	82.9	75.5	84.6	117.6	63.5
WAIKEA	21.9	38.5	45.7	42.1	39.8	45.3	46.1	70.9	71.4	76.6	75.3	79.4	78.4	79.8	92.0	92.5	62.2
OTIS	19.3	35.5	39.8	40.5	38.4	47.4	38.8	69.7	70.8	70.0	81.4	85.7	83.2	72.3	86.6	105.6	61.6
WQL9HDALP	22.3	38.6	41.7	35.0	41.0	35.6	38.1	73.3	65.9	71.4	83.2	71.0	77.7	77.3	82.7	129.0	61.5
ALTA BLANCA	20.9	34.1	34.8	35.5	39.1	43.9	41.2	65.1	70.8	69.3	74.2	79.8	76.4	74.3	83.9	93.2	58.5
ID377S	22.0	35.4	34.5	31.6	40.7	43.1	37.1	62.0	61.1	67.2	68.2	74.7	75.8	73.5	74.5	116.6	57.4
MACON	24.4	36.4	39.2	38.5	37.3	37.6	32.9	62.7	64.9	68.9	73.8	68.4	77.1	68.5	73.2	98.5	56.4
WA008010	19.1	35.1	37.8	34.8	38.5	38.6	42.2	63.4	65.8	65.5	59.7	72.8	66.9	74.1	77.7	107.4	56.2
WA007990	16.1	35.4	34.4	35.8	38.0	35.2	38.7	59.6	65.6	70.3	65.3	69.9	71.9	70.0	77.7	103.6	55.5
WA008012	17.6	34.9	33.1	33.6	36.4	28.3	43.1	61.0	53.0	67.1	61.2	60.4	57.5	71.5	56.0	111.8	51.7
BLANCA GRANDE	20.4	32.1	29.6	41.0	30.5	35.0	42.5	49.4	61.3	65.6	58.7	53.0	61.5	73.1	64.9	104.8	51.5
C.V.	15.0	5.4	8.6	10.6	7.7	8.2	6.2	8.5	5.4	4.8	7.9	6.9	4.9	4.3	8.3	11.8	8.6
LSD	4.3	2.7	4.6	5.6	4.2	4.6	3.6	7.8	5.1	4.7	8.0	7.0	5.1	4.5	9.3	17.9	1.7
Average	20.5	36.3	37.8	38.0	38.8	40.3	40.8	65.2	66.7	70.0	71.9	72.7	74.3	74.5	79.9	108.0	58.5
Highest	24.4	39.6	45.7	45.2	45.2	47.4	47.6	76.0	77.0	76.6	84.3	85.7	83.2	84.4	104.9	129.0	66.0
Lowest	16.1	32.1	29.6	31.6	30.5	28.3	32.9	49.4	53.0	65.5	58.7	53.0	57.5	68.5	56.0	92.5	51.5

WSU EXTENSION UNIFORM CEREAL VARIETY TESTING PROGRAM: <http://variety.wsu.edu>

2006 HARD RED SPRING WHEAT VARIETY TRIAL SUMMARY

PROTEIN (%)

VARIETY	ALMIRA	BICKLETON	ST. JOHN	FARMINGTON	WALLA WALLA	ST. ANDREWS	PULLMAN	RITZVILLE	HORSE HEAVEN	DAYTON	LIND DRY	MAYVIEW	REARDAN	CONNELL	LAMONT	MOSES LAKE (irrigated)	AVERAGE PROTEIN (%)
BUCK PRONTO	13.3	16.0	15.1	15.5	14.9	15.7	16.0	14.8	15.4	15.6	15.6	15.7	16.9	16.3	16.4	16.7	15.6
WA007953	13.1	14.3	14.8	14.9	14.7	15.2	15.4	15.0	16.5	15.7	15.9	15.8	16.1	16.2	16.5	17.5	15.5
WA007954	13.5	14.6	15.0	14.7	15.1	15.9	15.3	16.3	15.9	15.2	16.3	15.9	16.1	16.5	15.9	16.2	15.5
HOLLIS	13.5	14.7	15.1	15.3	14.6	14.1	15.1	14.9	15.8	16.0	15.8	16.3	16.5	16.1	16.0	16.6	15.4
JEFF/PRONTO	13.4	15.1	14.8	14.9	15.3	14.0	14.5	15.1	15.3	15.1	15.5	15.8	16.1	15.8	15.6	16.6	15.2
WA008015	12.8	14.2	13.8	14.6	15.1	14.2	14.7	14.9	15.6	14.9	15.7	16.4	15.6	16.0	15.8	17.2	15.1
WA008017	13.0	14.4	14.8	14.7	14.7	15.3	14.3	14.9	15.1	14.7	15.6	15.7	15.3	16.0	16.5	15.9	15.1
WESTBRED 926	13.2	14.0	14.8	14.4	14.8	14.4	15.0	15.7	14.9	15.1	15.9	15.3	15.8	16.1	16.2	16.3	15.1
WA008016	12.4	14.3	14.0	14.2	14.4	14.4	14.7	14.3	15.9	15.1	15.8	16.1	15.3	15.8	15.4	15.7	14.9
BZ999-339	13.2	13.8	14.6	14.2	14.2	14.5	15.0	15.0	14.9	15.2	15.9	15.5	15.7	16.1	16.2	15.2	14.9
WA007998	12.8	13.1	14.6	14.3	14.6	15.1	14.8	15.2	14.7	14.8	15.2	15.2	15.0	15.7	16.1	15.9	14.8
JEFFERSON	13.0	14.3	14.4	14.2	15.2	14.6	14.4	14.6	14.8	15.2	15.0	15.4	15.2	15.3	15.7	15.6	14.8
HANK	12.5	14.4	14.1	14.7	14.0	14.5	14.6	16.0	14.9	16.2	15.4	14.9	15.8	15.5	15.6	14.4	14.8
TARA 2002	13.3	14.5	14.4	14.7	13.6	14.3	14.2	14.9	14.7	15.1	15.0	15.1	15.5	15.5	16.2	15.0	14.7
WA008018	12.9	13.5	13.5	14.2	14.7	13.9	14.3	15.1	15.4	14.6	14.8	15.5	15.2	15.0	15.5	15.4	14.6
SCARLET	11.8	13.7	14.0	14.6	14.5	14.5	14.1	13.7	15.1	14.6	14.9	15.4	15.2	15.2	15.3	15.4	14.5
BZ9M03-1044	12.5	13.3	13.7	13.5	14.2	14.0	15.1	14.9	14.7	15.1	14.5	14.6	14.7	15.1	14.6	15.3	14.4
UI WINCHESTER	13.2	13.8	13.9	13.6	14.1	14.1	14.0	13.9	14.2	14.1	14.6	14.4	15.0	15.3	15.3	15.5	14.3
JEROME	12.4	13.4	13.6	13.8	13.8	13.4	14.0	13.7	14.5	14.4	15.1	14.7	14.7	15.1	15.1	14.5	14.2
ACS52610	11.9	14.3	13.4	13.7	13.7	14.9	14.5	14.6	14.2	14.7	14.4	13.9	14.7	14.7	15.1	14.8	14.2
C.V.	4.1	4.4	2.3	3.3	5.4	6.2	3.8	6.2	2.9	4.7	1.7	1.9	1.9	1.6	1.9	5.4	3.9
LSD	0.7	0.9	0.5	0.7	1.1	1.2	0.8	1.3	0.6	1.0	0.4	0.4	0.4	0.3	0.4	1.2	0.2
Average	12.9	14.2	14.3	14.4	14.5	14.6	14.7	14.9	15.1	15.1	15.4	15.4	15.5	15.7	15.8	15.8	14.9
Highest	13.5	16.0	15.1	15.5	15.3	15.9	16.0	16.3	16.5	16.2	16.3	16.4	16.9	16.5	16.5	17.5	15.6
Lowest	11.8	13.1	13.4	13.5	13.6	13.4	14.0	13.7	14.2	14.1	14.4	13.9	14.7	14.7	14.6	14.4	14.2

2006 HARD RED SPRING WHEAT VARIETY TRIAL SUMMARY

YIELD (BU/A)

VARIETY	ST. ANDREWS	CONNELL	LIND DRY	RITZVILLE	MAYVIEW	HORSE HEAVEN	BICKLETON	WALLA WALLA	DAYTON	REARDAN	LAMONT	ALMIRA	PULLMAN	ST. JOHN	FARMINGTON	MOSES LAKE (Irrigated)	AVERAGE YIELD (BU/A)
BZ999-339	36.0	35.8	35.1	41.2	43.6	44.5	52.3	74.1	68.3	75.8	74.8	72.8	73.4	79.2	84.5	97.9	61.8
HANK	23.9	36.0	37.5	40.1	38.1	44.2	40.1	75.8	67.1	76.2	75.5	74.9	78.3	81.2	82.4	109.4	61.3
WESTBRED 926	38.9	34.6	33.9	39.4	41.7	42.9	53.6	71.4	68.8	74.6	70.5	70.5	76.4	79.1	85.9	96.5	61.2
TARA 2002	32.8	37.4	35.1	40.8	34.9	45.1	45.4	70.9	65.8	75.5	70.9	72.2	79.9	74.5	78.2	113.7	60.8
JEFFERSON	33.1	39.6	38.6	40.8	44.1	46.9	48.6	63.5	68.2	72.5	75.4	70.0	76.1	80.3	76.2	97.0	60.7
SCARLET	30.4	37.7	39.9	40.2	37.9	37.0	45.8	59.9	67.8	71.3	73.6	69.7	70.1	78.1	79.8	106.5	59.1
HOLLIS	34.7	34.6	37.2	34.9	36.2	42.2	43.8	68.5	65.8	69.7	77.6	70.7	72.5	74.1	78.6	94.5	58.5
UI WINCHESTER	29.5	36.3	33.7	38.4	39.9	44.3	44.2	65.0	66.9	74.4	62.5	67.9	74.7	80.0	75.5	101.2	58.4
ACS52610	24.3	37.2	37.2	39.4	39.8	42.2	38.2	72.6	67.2	69.4	55.7	74.4	69.3	76.9	76.3	112.0	58.3
JEFF/PRONTO	32.7	32.9	33.7	39.0	40.3	44.9	44.6	63.2	68.0	66.3	80.7	70.0	69.2	77.0	76.6	92.8	58.3
WA007998	32.6	35.4	34.0	36.7	34.9	44.4	44.0	67.6	67.4	71.9	67.3	70.3	77.5	70.4	74.1	95.3	57.7
BZ9M03-1044	25.3	34.5	35.1	40.2	39.6	42.5	47.5	66.6	65.2	73.0	68.8	69.7	68.1	74.7	72.3	100.9	57.7
BUCK PRONTO	26.3	32.7	31.8	37.1	41.1	40.7	41.7	67.9	66.0	64.0	68.3	73.6	71.7	75.7	82.3	98.4	57.5
JEROME	34.9	32.4	35.9	39.9	38.0	41.8	42.0	60.8	61.7	69.3	66.8	71.5	73.3	68.8	77.1	97.7	57.0
WA007954	24.7	35.8	36.7	34.9	39.8	42.4	40.7	66.6	66.3	62.7	69.6	63.0	71.2	80.6	71.3	102.4	56.8
WA008016	29.9	36.7	35.3	37.4	33.6	39.2	38.3	64.4	61.2	63.6	70.3	70.7	69.0	79.6	74.7	101.5	56.6
WA008018	31.6	39.3	37.4	37.7	32.5	44.1	42.2	56.7	63.9	64.2	69.3	71.1	71.3	71.5	63.3	93.0	55.6
WA007953	27.4	33.8	37.1	35.6	39.7	40.9	37.7	56.9	60.6	66.4	71.9	66.1	70.3	76.9	73.0	74.3	54.3
WA008017	25.6	34.9	34.7	33.9	32.6	42.2	43.6	62.7	64.8	69.0	59.4	69.6	71.0	65.4	67.3	91.4	54.3
WA008015	28.7	37.1	37.0	32.4	34.4	40.2	38.6	55.2	60.7	58.8	73.4	69.6	64.5	74.0	74.3	88.7	54.2
C.V.	20.6	6.5	4.7	9.8	9.0	4.5	10.9	10.7	4.6	7.0	8.3	6.3	4.7	6.2	7.2	10.6	8.7
LSD	8.6	3.2	2.3	5.1	4.7	2.6	6.5	9.7	4.1	6.7	8.0	6.1	4.6	6.5	7.5	14.4	1.7
Average	30.2	35.7	35.8	38.0	38.1	42.6	43.6	65.5	65.6	69.4	70.1	70.4	72.4	75.9	76.2	98.2	58.0
Highest	38.9	39.6	39.9	41.2	44.1	46.9	53.6	75.8	68.8	76.2	80.7	74.9	79.9	81.2	85.9	113.7	61.8
Lowest	23.9	32.4	31.8	32.4	32.5	37.0	37.7	55.2	60.6	58.8	55.7	63.0	64.5	65.4	63.3	74.3	54.2

2006 HARD RED SPRING WHEAT VARIETY TRIAL SUMMARY

TEST WEIGHT (LBS/BU)

VARIETY	ST. ANDREWS	RITZVILLE	HORSE HEAVEN	PULLMAN	BICKLETON	DAYTON	MAYVIEW	REARDAN	WALLA WALLA	MOSES LAKE (irrigated)	CONNELL	FARMINGTON	LIND DRY	ALMIRA	ST. JOHN	LAMONT	AVERAGE TEST WEIGHT (LBS/BU)
ACS52610	58.6	59.6	59.8	58.9	58.4	61.6	60.7	61.3	61.6	62.3	61.6	61.6	61.6	62.5	62.0	62.7	60.9
BZ9M03-1044	57.5	59.0	59.8	57.2	59.9	59.4	59.4	60.2	60.5	60.9	61.1	61.4	62.1	61.8	62.5	62.5	60.3
WA007953	58.5	59.2	56.5	60.0	59.7	60.4	59.6	60.6	60.6	59.7	59.6	61.6	60.6	60.7	62.3	62.6	60.1
UI WINCHESTER	56.7	58.4	60.1	57.9	57.7	59.3	59.3	58.2	59.2	59.9	61.8	60.1	61.9	59.4	61.1	61.7	59.5
WA007954	56.9	56.9	57.4	57.7	59.1	59.8	58.7	59.6	60.3	60.7	59.6	61.0	59.2	60.2	61.1	61.6	59.4
TARA 2002	58.1	57.3	57.8	58.8	58.2	58.4	59.4	58.5	60.6	60.5	59.0	59.1	60.0	60.4	61.1	61.0	59.3
JEFFERSON	57.1	58.0	58.4	58.9	58.2	58.3	59.1	59.0	56.9	59.4	60.4	60.3	60.2	59.8	60.9	61.4	59.2
HOLLIS	58.1	57.4	57.9	57.3	58.7	57.6	58.4	58.2	60.7	59.4	60.2	60.0	59.9	59.3	60.7	61.2	59.1
JEROME	57.7	58.1	57.8	56.4	58.7	58.3	58.3	57.6	59.2	59.2	60.7	59.6	60.8	60.1	60.8	61.6	59.1
BUCK PRONTO	57.7	57.4	58.2	57.3	56.7	58.6	58.9	59.2	59.7	60.3	60.9	58.3	60.6	60.7	60.4	61.3	59.1
JEFF/PRONTO	57.7	57.8	57.6	58.6	57.7	58.7	58.6	58.6	57.2	58.8	60.4	59.9	60.4	60.8	60.6	61.2	59.0
WA008017	56.8	57.8	57.4	58.5	58.0	59.2	59.0	59.3	59.2	58.4	58.5	60.0	59.2	60.1	60.9	60.7	58.9
WESTBRED 926	57.7	55.9	58.9	56.6	56.9	57.4	58.3	57.3	58.1	58.2	60.7	59.1	60.2	59.4	60.1	60.8	58.5
SCARLET	56.7	58.0	54.5	57.3	57.0	57.7	58.0	58.0	56.9	59.2	58.6	58.4	59.2	59.7	60.5	60.9	58.2
WA007998	57.3	56.2	56.0	57.0	57.9	58.0	58.5	58.6	58.1	58.1	56.7	59.7	58.9	59.6	60.5	60.8	58.2
BZ999-339	56.7	56.4	59.1	56.8	55.9	57.1	58.0	56.5	58.5	58.4	60.1	58.6	60.5	58.7	59.8	60.8	58.2
WA008018	57.1	56.1	55.2	57.2	56.6	58.2	57.1	56.9	57.4	56.5	57.8	60.1	58.7	59.5	60.7	61.1	57.9
HANK	56.2	55.4	57.6	55.8	57.7	54.5	58.1	56.7	58.8	59.2	60.1	57.0	60.4	59.1	59.4	60.9	57.9
WA008016	56.8	56.2	53.6	55.7	54.3	57.4	56.2	58.1	59.0	59.5	56.2	58.5	57.3	59.2	59.7	60.8	57.4
WA008015	56.2	56.1	54.0	56.1	55.3	57.7	56.2	58.3	57.5	55.3	55.8	58.8	56.9	59.1	59.7	60.5	57.1
C.V.	1.9	2.3	1.4	1.7	1.9	1.5	0.7	1.4	3.4	3.0	0.9	1.7	0.8	1.3	0.8	0.3	1.7
LSD	1.5	1.8	1.1	1.3	1.5	1.2	0.5	1.1	2.7	2.4	0.7	1.4	0.7	1.1	0.7	0.3	0.3
Average	57.3	57.4	57.4	57.5	57.6	58.4	58.5	58.5	59.0	59.2	59.5	59.7	59.9	60.0	60.7	61.3	58.9
Highest	58.6	59.6	60.1	60.0	59.9	61.6	60.7	61.3	61.6	62.3	61.8	61.6	62.1	62.5	62.5	62.7	60.9
Lowest	56.2	55.4	53.6	55.7	54.3	54.5	56.2	56.5	56.9	55.3	55.8	57.0	56.9	58.7	59.4	60.5	57.1