

**2007 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT FAIRFIELD, WA.**

Variety Name <i>*Club Italized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA008008	--	--	--	64.9	59.2	8.9	29.7	178.0
LOUISE	--	--	--	64.1	60.7	8.8	33.7	177.5
ZAK	--	--	--	62.5	59.4	9.4	31.0	179.5
ALTURAS	--	--	--	62.1	59.2	8.7	28.7	179.5
WA008039	--	--	--	62.1	61.0	9.1	30.3	179.0
<i>WA007989</i>	--	--	--	62.1	59.6	9.8	26.7	181.0
WAKANZ	--	--	--	62.0	59.3	9.0	28.3	180.0
ARS05S303	--	--	--	61.1	58.8	10.1	29.3	178.5
WA008059	--	--	--	60.9	59.8	10.2	31.0	177.0
<i>WA008047</i>	--	--	--	59.4	59.9	9.2	30.7	179.5
WA008046	--	--	--	59.1	59.5	9.6	30.7	177.5
ALPOWA	--	--	--	58.8	61.1	9.2	31.0	180.0
WA008041	--	--	--	58.3	58.2	9.1	32.0	179.0
<i>EDEN</i>	--	--	--	57.5	60.9	9.7	28.3	178.0
NICK	--	--	--	56.8	60.8	9.0	27.7	177.5
WA008043	--	--	--	55.2	60.6	10.2	26.7	181.0
WA008044	--	--	--	52.1	60.8	10.0	29.0	180.0
UI CATALDO	--	--	--	51.0	59.4	9.4	28.3	175.0
C.V. %	--	--	--	5.7	0.7	3.6	--	--
LSD '@ .10'	--	--	--	4.8	0.6	0.5	--	--
Average	--	--	--	59.4	59.9	9.4	29.6	178.8
Highest	--	--	--	64.9	61.1	10.2	33.7	181.0
Lowest	--	--	--	51.0	58.2	8.7	26.7	175.0

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Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
BZ903-445WP-d	--	--	--	68.8	60.4	10.6	31.7	176.5
WAIKEA	--	--	--	68.6	59.0	11.2	33.3	176.5
OTIS	--	--	--	68.5	61.3	10.8	36.7	179.0
WQL9HDALP	--	--	--	65.9	61.0	10.3	31.3	179.0
LOLO	--	--	--	64.5	61.7	11.8	32.3	178.5
MACON	--	--	--	61.4	60.0	10.8	32.7	176.5
WA008036	--	--	--	57.0	60.9	12.0	35.3	179.0
WA008038	--	--	--	56.7	60.4	11.1	33.7	176.0
PATWIN	--	--	--	56.1	58.2	12.1	24.3	179.5
WA008035	--	--	--	54.6	59.5	11.2	32.0	176.5
CLEAR WHITE	--	--	--	53.0	60.3	11.8	27.3	175.0
BLANCA GRANDE	--	--	--	45.1	61.5	12.6	25.3	172.5
C.V. %	--	--	--	8.4	0.5	3.0	--	--
LSD '@ .10'	--	--	--	12.2	0.7	0.5	--	--
Average	--	--	--	60.0	60.4	11.4	31.3	177.0
Highest	--	--	--	68.8	61.7	12.6	36.7	179.5
Lowest	--	--	--	45.1	58.2	10.3	24.3	172.5

## 2007 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT FAIRFIELD, WA.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
SCARLET	--	--	--	66.6	60.1	12.7	33.0	177.0
TARA 2002	--	--	--	66.1	61.2	13.7	34.3	174.5
JEFF/PRONTO	--	--	--	63.2	60.2	13.3	31.0	175.0
GRANAR	--	--	--	63.2	61.0	12.4	30.7	179.0
WA008013	--	--	--	60.9	60.9	13.9	42.7	176.0
WA008034	--	--	--	60.4	59.4	12.8	31.7	178.0
WESTBRED 926	--	--	--	60.1	59.5	13.8	31.3	175.0
WA008031	--	--	--	59.4	59.7	13.8	34.0	177.0
WA007954	--	--	--	58.9	60.3	13.5	32.0	179.0
HOLLIS	--	--	--	58.3	60.3	13.3	41.0	177.0
WA008030	--	--	--	58.2	60.8	13.0	34.3	179.5
RSI50076	--	--	--	57.6	57.9	12.1	25.7	178.0
BZ999-339	--	--	--	55.6	59.2	13.3	31.0	176.5
WA008027	--	--	--	55.2	60.4	14.0	36.3	178.5
JEFFERSON	--	--	--	55.1	60.4	13.0	31.3	177.5
HANK	--	--	--	54.9	59.8	13.3	29.0	176.0
BUCK PRONTO	--	--	--	53.7	59.6	14.0	30.3	173.5
CABERNET	--	--	--	53.5	59.8	13.5	25.3	177.0
JEDD	--	--	--	53.4	61.0	13.2	27.7	175.5
JEROME	--	--	--	52.5	60.8	12.7	30.0	176.0
ACS52610	--	--	--	50.1	60.3	13.3	27.3	179.5
C.V. %	--	--	--	5.9	0.6	3.1	--	--
LSD '@ .10'	--	--	--	4.8	0.5	0.6	--	--
Average	--	--	--	58.0	60.1	13.3	31.9	176.9
Highest	--	--	--	66.6	61.2	14.0	42.7	179.5
Lowest	--	--	--	50.1	57.9	12.1	25.3	173.5

## **FAIRFIELD SPRING WHEAT – 2007 WSU VARIETY TESTING DATA**

1. 2007 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Fairfield, WA location averaged 59.4, 60.0, and 58.0 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. *NOTE: This nursery was located, approximately 4 miles northwest of Fairfield, WA near the Rattlers Run/Darknell Rd intersection (L. Green farm).*
2. This nursery was planted (16 April 2007) on re-crop ground following winter wheat with a double disc plot drill (6-inch spacing) at an 80#/acre seeding rate. A March 2007 soil test showed 10.14 inches moisture in the top 4-feet. Soil test showed 104#N, 22#P and 11#S in the top four feet. A base fertilizer rate of 40#N and 6#S were applied to the nursery and an additional (40#N, 6#S) and (90#N, 13.5#S) were applied to the hard white and hard red spring nurseries, respectively.
3. Average **yields** across all market classes were fairly comparable. **Test weight** values were good with an average range of 59.9 to 60.4 lbs/bu. Interestingly, average **protein** levels in this spring wheat nursery were lower than other locations harvested to date. This is probably correlated to high test weight values and lack of nitrogen mobilization into kernels during the later stages of kernel development that was needed for protein formation.