

**2008 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT FARMINGTON, WA.**

Variety Name <i>*Club Italized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2008				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>EDEN</i>	90.9	83.5	80.7	64.7	59.1	10.6	27.7	182.0
<b>WA008090</b>				64.5	60.2	10.2	31.3	184.3
<b>NICK</b>	91.3	83.0	79.0	62.9	60.3	11.0	30.7	180.7
<b>ZAK</b>	86.3	79.3	82.9	62.1	59.2	11.1	29.3	186.2
<b>WA008059</b>			80.0	61.0	60.3	11.7	30.7	182.2
<b>WA008039</b>			79.9	60.8	59.6	10.7	27.7	184.5
<b>WA008089</b>				60.3	60.3	10.2	30.0	184.8
<b>WA008058</b>				60.3	60.8	11.9	29.3	182.8
<b>LOUISE</b>	89.4	86.2	80.8	60.2	58.6	10.8	33.0	183.5
<b>WA008046</b>			73.8	59.4	59.0	11.1	29.7	182.8
<b>ALPOWA</b>	91.4	81.3	79.5	59.1	59.9	10.9	23.7	185.5
<i>WA008047</i>			79.2	58.7	60.4	11.1	28.7	185.5
<b>WAKANZ</b>	88.9	83.6	79.3	58.4	58.5	11.5	22.3	188.0
<b>WHIT</b>		79.0	77.1	56.8	59.6	11.1	29.7	180.7
<i>WA008082</i>				55.0	59.8	11.9	27.7	184.5
<b>BZ604-026</b>				54.2	60.8	11.4	27.3	182.2
<b>WA008041</b>			75.5	52.8	57.9	11.4	25.3	184.5
<b>WA008042</b>				51.7	60.0	11.5	25.3	186.2
<b>ALTURAS</b>	85.0	77.6	73.3	50.7	58.9	10.9	24.7	184.3
<b>UI CATALDO</b>		76.5	69.8	49.3	58.5	11.4	27.0	180.0
<i>WA008049</i>				46.9	60.3	12.1	27.0	186.7
<b>C.V. %</b>	7.3	6.6	5.8	7.3	1.2	3.0	--	--
<b>LSD '@ .10'</b>	3.6	3.9	4.1	5.8	1.0	0.5	--	--
<b>Average</b>	89.0	81.1	77.9	57.6	59.6	11.2	28.0	183.9
<b>Highest</b>	91.4	86.2	82.9	64.7	60.8	12.1	33.0	188.0
<b>Lowest</b>	85.0	76.5	69.8	46.9	57.9	10.2	22.3	180.0

**2008 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT FARMINGTON, WA.**

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2008				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA008078				53.3	60.3	12.5	31.3	180.5
OTIS	85.5	79.9	76.5	52.5	60.2	12.4	31.7	185.2
WA008081				52.5	59.3	12.2	34.0	180.0
CLEAR WHITE			69.5	51.3	60.5	12.2	27.0	177.5
MACON	79.8	69.8	68.0	51.2	59.5	11.4	32.3	181.2
WA008079				51.0	60.4	11.8	30.3	183.7
WA008080				49.9	59.3	12.2	29.0	181.7
LOLO	84.7	77.5	74.0	48.7	60.7	12.9	26.3	183.5
RSI10348W				48.5	59.6	12.1	27.3	177.7
WA008037				45.7	59.3	12.8	28.3	183.3
BLANCA GRANDE	77.8	64.3	64.0	44.5	61.1	13.0	26.7	177.0
07M SP1				42.1	60.5	12.3	26.0	184.3
C.V. %	8.9	8.1	7.1	5.9	0.9	2.8	--	--
LSD '@ .10'	3.9	4.1	4.3	4.1	0.8	0.5	--	--
Average	82.0	72.9	70.4	49.3	60.1	12.3	29.2	181.3
Highest	85.5	79.9	76.5	53.3	61.1	13.0	34.0	185.2
Lowest	77.8	64.3	64.0	42.1	59.3	11.4	26.0	177.0

**2008 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT FARMINGTON, WA.**

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2008				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
JEDD		71.9	71.7	58.6	60.6	13.1	26.7	181.2
TARA 2002	79.6	71.5	68.2	51.9	59.5	13.9	33.0	178.2
WA008026				50.0	60.8	14.0	31.7	182.3
WA008034			68.3	48.8	58.8	12.9	30.7	183.5
WA008033				47.9	59.1	13.1	28.0	184.2
SCARLET	80.1	70.9	66.5	47.8	58.9	13.5	31.3	183.0
HANK	84.8	73.0	68.3	47.8	59.6	13.6	27.3	180.8
VOLT		66.7	62.0	47.3	61.1	12.6	25.7	185.5
WESTBRED 926	81.4	72.7	66.0	46.6	59.0	14.0	27.3	179.0
BZ901-717				45.5	60.6	14.2	30.7	179.2
UI WINCHESTER				45.3	59.8	13.3	27.3	181.0
AP-81				45.2	62.3	13.2	25.0	181.8
NPBHR70				44.9	59.7	13.9	27.0	179.7
JEFFERSON	80.6	68.8	65.2	44.6	60.7	13.8	28.0	181.7
WA008027			66.5	44.1	60.6	14.2	30.3	183.3
HOLLIS	73.3	66.5	60.5	43.8	60.0	14.4	34.3	180.8
KELSE		65.7	62.8	43.7	60.8	14.0	30.0	182.3
RSI20035				42.7	60.8	13.4	23.7	179.0
WA008030			64.3	42.1	60.8	13.9	27.7	185.2
WA008077				40.6	59.8	13.4	28.3	184.5
BUCK PRONTO	81.6	70.7	64.9	40.1	59.6	14.4	27.7	178.5
C.V. %	7.9	8.6	9.2	6.3	0.7	1.9	--	--
LSD '@ .10'	3.4	4.4	5.4	4.0	0.6	0.4	--	--
Average	80.2	69.8	65.8	46.2	60.1	13.7	28.7	181.7
Highest	84.8	73.0	71.7	58.6	62.3	14.4	34.3	185.5
Lowest	73.3	65.7	60.5	40.1	58.8	12.6	23.7	178.2

## FARMINGTON SPRING WHEAT – 2008 WSU VARIETY TESTING DATA

1. 2008 Spring Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Farmington, WA location averaged 57.6, 49.3, and 46.2 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2008 spring wheat yields were below the previous historical 3-year average by (31.3%), (38.2%), and (39.8%) for soft white spring, hard white spring, and hard red spring, respectively. *NOTE: This nursery was located, approximately 1 mile south of Farmington, WA on the Garfield/Farmington Rd (B. Nelson farm).*
2. This nursery was planted (5 May 2008) on re-crop ground following winter wheat with a double disc plot drill (6-inch spacing) at a 80#/acre seeding rate. A March 2008 soil test showed 11.07 inches moisture in the top 4-feet. Base fertilizer was 95#N and 14#S. March 2008 soil test analysis showed 131#N, 38P#, and 13S#, additional fertilizer was applied at the following rates: (30#N, 4#S) and (60#N, 9#S) hard white and hard red spring nurseries, respectively.
3. Average **TEST WEIGHT** values ranged across market classes from 57.9 lb/bu to 62.3 lb/bu.
4. **GRAIN PROTEIN** values averaged 11.2%, 12.3% and 13.7% for soft white, hard white and hard red spring market classes, respectively.
5. **Nematodes** are suspected to have caused damage to this trial; several plots had symptoms of stubbed off and twisted lateral roots. A soil sample was sent for analysis and high levels of nematodes were found.