

# 2008 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT HORSE HEAVEN, WA.

Variety Name <small>*Club Italized</small>	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
WA008090				31.4	59.6	13.6	24.3	157.5
ZAK	28.9	30.7	31.0	30.8	58.3	14.1	25.7	160.5
WA008089				29.7	59.9	12.9	24.3	158.0
<i>WA008047</i>			28.2	28.3	60.1	13.5	22.3	156.5
LOUISE	33.7	34.4	29.0	27.8	59.1	13.6	24.3	158.0
WA008058				27.8	60.6	14.4	23.0	156.0
WA008041			27.7	27.6	58.8	13.5	24.0	158.5
NICK	32.8	33.9	27.9	26.8	60.3	14.1	22.3	156.5
WA008042				25.8	58.5	14.2	24.7	159.5
WA008039			26.8	25.7	60.2	13.0	20.7	158.0
WAKANZ	32.7	32.8	28.0	24.9	58.6	13.8	22.3	161.5
BZ604-026				24.9	59.9	14.1	20.0	155.0
WA008059			24.8	24.8	59.8	14.6	22.3	155.5
WA008046			26.6	24.4	59.0	13.7	23.0	156.5
ALPOWA	30.0	30.6	26.6	23.6	60.3	12.9	22.3	157.0
ALTURAS	31.2	30.3	25.8	23.1	58.1	12.9	21.7	155.5
<i>EDEN</i>	30.0	29.8	24.4	23.1	60.5	13.3	20.3	154.5
<i>WA008049</i>				22.9	57.8	15.1	21.7	159.5
WHIT		31.4	24.7	22.1	59.2	13.8	22.3	156.0
UI CATALDO		28.7	23.0	19.4	58.2	13.6	20.7	153.5
<i>WA008082</i>				16.1	58.8	14.8	20.3	157.5
C.V. %	8.4	9.2	10.7	13.5	1.2	2.7	--	--
LSD '@ .10'	1.5	2.1	2.7	4.7	1.0	0.5	--	--
Average	31.3	31.4	26.7	25.3	59.3	13.8	22.5	157.2
Highest	33.7	34.4	31.0	31.4	60.6	15.1	25.7	161.5
Lowest	28.9	28.7	23.0	16.1	57.8	12.9	20.0	153.5

**2008 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT HORSE HEAVEN, 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
OTIS	32.5	34.1	31.7	31.2	60.2	14.2	26.7	159.0
WA008079				28.7	58.8	14.0	27.0	158.0
LOLO	31.2	32.8	28.3	25.8	60.2	15.1	23.0	157.5
WA008080				24.3	58.6	14.8	23.3	155.0
MACON	26.3	28.0	25.6	24.0	59.9	14.7	23.3	153.0
WA008078				23.9	59.6	15.9	24.7	156.0
07M SP1				23.9	61.1	15.0	22.0	157.0
WA008037				21.1	59.1	15.7	22.3	158.0
WA008081				21.0	59.2	16.2	26.7	154.0
RSI10348W				19.4	59.7	15.3	20.0	152.0
BLANCA GRANDE	26.3	27.0	19.3	17.1	61.0	16.5	19.3	149.5
CLEAR WHITE			23.2	17.1	59.9	15.0	20.0	148.0
C.V. %	9.8	10.9	13.0	14.6	1.3	1.7	--	--
LSD '@ .10'	1.6	2.4	3.1	4.7	1.1	0.4	--	--
Average	29.1	30.5	25.6	23.1	59.8	15.2	23.2	154.8
Highest	32.5	34.1	31.7	31.2	61.1	16.5	27.0	159.0
Lowest	26.3	27.0	19.3	17.1	58.6	14.0	19.3	148.0

## 2008 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT HORSE HEAVEN, 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
SCARLET	29.9	32.0	29.5	32.1	59.4	15.5	26.3	158.5
WA008034			28.7	28.2	58.1	15.0	25.0	159.0
WA008033				27.7	58.1	15.1	23.7	158.0
WA008077				26.5	58.6	15.8	25.0	160.5
AP-81				26.4	61.1	15.6	20.3	156.0
HANK	31.1	32.3	26.3	26.0	59.5	16.0	22.7	156.5
WA008027			24.6	25.9	59.3	16.9	27.0	156.0
TARA 2002	28.2	29.7	22.0	24.8	59.5	16.0	24.0	153.0
RSI20035				24.7	60.5	15.6	21.7	155.0
HOLLIS	30.3	30.9	25.3	22.9	59.5	16.2	27.3	156.5
VOLT		29.4	23.1	22.8	61.3	15.5	21.3	157.0
JEDD		29.1	22.4	22.5	61.2	15.5	21.7	154.5
WA008026				22.4	60.2	16.6	27.7	158.5
NPBHR70				22.2	59.4	16.5	23.0	153.5
KELSE		28.8	22.0	21.9	59.7	17.1	25.7	158.0
JEFFERSON	30.0	32.7	25.5	21.8	59.5	16.0	22.3	154.5
BZ901-717				21.4	60.7	17.1	22.0	152.0
BUCK PRONTO	26.6	27.6	21.1	21.3	60.1	16.8	21.7	150.5
WA008030			23.7	21.3	60.0	16.0	25.3	158.0
WESTBRED 926	26.4	27.4	19.7	19.3	59.5	16.7	22.0	153.5
UI WINCHESTER				18.0	59.4	16.3	21.3	155.5
C.V. %	9.3	8.8	11.3	10.9	0.7	1.9	--	--
LSD '@ .10'	1.6	1.9	2.6	3.6	0.6	0.4	--	--
Average	28.9	30.0	24.2	23.8	59.7	16.1	23.7	155.9
Highest	31.1	32.7	29.5	32.1	61.3	17.1	27.7	160.5
Lowest	26.4	27.4	19.7	18.0	58.1	15.0	20.3	150.5

## HORSE HEAVEN SPRING WHEAT – 2008 WSU VARIETY TESTING DATA

1. 2008 Spring Wheat **YIELD DATA** from the WSU Variety Testing nursery at the Horse Heaven, WA location averaged 25.3, 23.1, and 23.8 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2008 spring wheat average yields were lower by (7.7%), (14.8%), and (10.9%) for soft white spring, hard white spring, and hard red spring, respectively, compared to the previous historical 3-year average. *NOTE: The Horse Heaven nursery was located just off SR 221 on Stephen Rd. (S. Smith farm).*
2. This nursery was planted (10 March 2008) on chem fallow ground with a double disc plot drill (6-inch spacing) at a 60#/acre seeding rate. March 2008 soil test analysis showed 117#N, 10P# and 8S# in a 4-foot soil profile. No base fertilizer was applied.
3. Average **TEST WEIGHT** values ranged across market classes from 57.8 lb/bu to 61.3 lb/bu.
4. **GRAIN PROTEIN** values averaged 13.8%, 15.2% and 16.1% for soft white, hard white and hard red spring market classes, respectively.