

## 2007 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT LIND, WA.

Variety Name <small>*Club Italized</small>	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
LOUISE	36.5	34.4	36.7	30.8	60.9	12.3	25.0	154.0
<i>WA008047</i>				29.7	61.4	12.6	22.3	154.0
ALTURAS	33.7	30.2	34.1	29.4	60.3	12.5	21.3	153.0
<i>EDEN</i>	33.0	29.4	33.2	29.1	61.7	11.9	19.7	151.7
UI CATALDO			31.2	28.4	59.6	12.7	20.7	149.0
<i>WA008046</i>				28.1	60.0	13.1	22.7	153.7
WAKANZ	33.2	31.4	33.4	27.6	58.9	12.9	21.3	154.7
NICK	32.8	29.2	33.2	27.5	60.3	13.6	20.0	151.3
<i>WA007989</i>				27.4	58.8	13.3	19.7	156.0
ALPOWA	33.8	29.8	34.2	27.3	60.6	12.7	22.3	154.0
<i>WA008008</i>			30.8	26.9	60.5	12.8	21.3	152.3
ZAK	30.8	28.4	32.0	26.3	59.2	13.3	23.3	155.0
<i>WA008044</i>				26.2	60.9	13.1	20.7	154.0
<i>WA008043</i>				26.0	61.1	12.9	20.3	154.0
<i>WA008039</i>				25.6	61.1	12.9	21.7	154.7
ARS05S303				25.0	57.9	13.1	22.3	154.3
<i>WA008041</i>				23.0	59.3	13.2	22.3	153.7
<i>WA008059</i>				23.0	59.4	14.1	22.0	151.7
C.V. %	6.6	6.8	6.6	8.5	0.6	1.8	--	--
LSD '@ .10'	1.3	1.6	2.0	3.2	0.5	0.3	--	--
Average	33.4	30.4	33.2	27.1	60.1	12.9	21.6	153.4
Highest	36.5	34.4	36.7	30.8	61.7	14.1	25.0	156.0
Lowest	30.8	28.4	30.8	23.0	57.9	11.9	19.7	149.0

**2007 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT LIND, 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
WQL9HDALP			35.9	30.8	60.6	12.2	23.0	153.0
MACON	31.6	28.7	32.8	28.2	59.9	14.2	23.7	150.0
OTIS	32.6	30.9	33.2	27.9	60.6	14.0	27.3	154.7
PATWIN				26.4	58.8	14.8	20.0	154.3
WA008035				26.3	60.2	14.5	22.7	148.7
CLEAR WHITE				25.1	61.0	14.5	20.3	148.0
LOLO	33.6	31.6	34.9	24.6	60.2	14.6	24.0	153.7
WA008036				24.6	60.9	14.9	26.0	151.0
BZ903-445WP-d			32.1	24.1	59.9	14.8	23.0	151.0
BLANCA GRANDE	27.3	23.3	26.9	23.2	62.7	15.1	20.3	147.0
WAIKEA		29.5	31.3	22.8	60.0	13.9	23.0	149.7
WA008038				19.6	61.0	14.5	25.3	150.3
C.V. %	8.5	9.5	9.8	11.7	0.9	1.4	--	--
LSD '@ .10'	1.6	2.2	2.9	7.2	1.3	0.3	--	--
Average	31.3	28.8	32.4	25.3	60.5	14.3	23.2	151.0
Highest	33.6	31.6	35.9	30.8	62.7	15.1	27.3	154.7
Lowest	27.3	23.3	26.9	19.6	58.8	12.2	20.0	147.0

**2007 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT LIND, 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
WA008034				26.6	59.4	15.8	25.0	155.3
SCARLET	31.6	28.2	32.2	24.6	59.6	16.2	25.3	154.0
WA008030				24.3	61.6	15.9	26.0	152.7
JEROME	30.4	27.5	30.0	24.2	61.3	15.8	22.3	148.3
GRANAR				23.7	60.6	15.8	22.7	155.3
WA008013				23.3	61.1	15.8	26.7	151.7
JEFF/PRONTO			28.5	23.2	60.0	16.0	22.0	148.0
RSI50076				23.1	60.1	14.5	18.3	150.3
WA008027				22.8	60.0	16.8	26.7	152.7
HANK	29.2	26.8	30.0	22.4	60.8	15.8	21.3	150.7
CABERNET				22.4	61.4	16.3	19.3	148.3
BZ999-339		25.9	28.6	22.2	60.5	15.9	22.0	149.3
WA008031				22.0	59.7	16.8	24.3	153.3
WA007954			28.9	21.1	60.2	16.7	26.3	152.7
JEFFERSON	28.9	26.0	29.7	20.9	61.2	16.1	21.0	149.0
JEDD			27.8	20.5	62.0	15.3	18.3	151.3
ACS52610			28.7	20.2	61.7	14.4	20.0	154.3
HOLLIS	28.4	26.4	28.7	20.1	60.7	15.7	27.0	153.3
BUCK PRONTO		23.6	25.7	19.7	60.7	16.6	21.0	147.0
WESTBRED 926	25.9	24.3	26.8	19.6	60.7	16.0	21.7	148.3
TARA 2002	26.6	25.2	26.9	18.6	59.7	15.8	24.0	147.7
C.V. %	6.2	6.8	6.1	7.6	0.7	1.6	--	--
LSD '@ .10'	1.0	1.4	1.6	2.4	0.6	0.4	--	--
Average	28.7	26.0	28.7	22.2	60.6	15.9	22.9	151.1
Highest	31.6	28.2	32.2	26.6	62.0	16.8	27.0	155.3
Lowest	25.9	23.6	25.7	18.6	59.4	14.4	18.3	147.0

## LIND SPRING WHEAT – 2007 WSU VARIETY TESTING DATA

1. 2007 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Lind, WA location averaged 27.1, 25.3, and 22.2 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2007 spring wheat **average yields were lower** by (19.5%), (23.1%) and (26.9%) for soft white spring, hard white spring and hard red spring wheat, respectively, compared to the previous historical 3-year average. However, yield rankings tended to follow 3-year yield rank trends. Yield levels below historical yields is most likely a function of cold, dry weather patterns during the spring growing period from March through May 2007 that delayed early growth and development of root systems and crowns. *The Lind nursery was located on the WSU Dryland Research Experiment Station five miles NE of Lind, WA. (B. Sauer, Farm Mgr).*
2. This nursery was planted (15 March 2007) on summer fallow with a double disc plot drill (6-inch spacing) at a 60#/acre seeding rate. Base fertilizer was 50#N, 15#S. A March 2007 soil test showed: 176#N, 91#P and 11#S.
3. In contrast to below average yields, **TEST WEIGHT** values (average range across market classes was 60.1 lb/bu to 60.6 lb/bu) were fairly high, probably influenced most by 0.5" precipitation on 6 June 2007 followed by a period of cooler temperatures during grain fill for about a 10-day period.
4. **GRAIN PROTEIN** values were averaged 12.9%, 14.3% and 15.9% for soft white, hard white and hard red spring market classes, respectively. Some of the elevated protein values are undoubtedly related to dry, hot conditions during late June coupled with below average grain production. The fertility levels favored hard spring market classes.