

## 2006 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT LIND, WA.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA008007				46.7	58.8	12.7	30.7	157.0
WA007964		36.7	35.7	42.8	58.7	13.0	33.3	158.7
LOUISE	36.4	38.4	36.1	42.6	61.1	12.1	29.7	153.3
ALPOWA	33.9	35.1	31.1	41.0	61.1	12.0	28.3	157.0
WAWAWAI	33.4	33.9	31.6	39.5	61.0	12.9	30.0	152.0
WAKANZ		35.5	33.3	39.2	59.0	12.7	27.7	158.0
ALTURAS	33.4	35.0	30.6	38.9	60.3	12.2	26.3	153.7
NICK	33.9	33.8	30.1	38.8	61.1	13.1	25.0	151.7
ZAK	31.2	32.0	29.4	37.7	59.9	13.1	29.0	157.3
EDEN	33.3	33.6	29.6	37.2	61.7	11.6	24.3	151.7
WA007988				36.4	60.9	13.1	24.7	157.7
WA007987			26.9	36.1	60.2	13.5	25.3	156.7
WA007986			26.5	35.8	59.6	13.4	26.7	157.7
UI PETTIT			29.1	35.2	62.4	12.3	21.7	151.0
WA008008				34.8	60.9	12.3	25.3	152.7
UI CATALDO				34.1	60.2	12.7	23.3	150.7
EDWALL	28.9	29.2	25.4	33.6	56.5	12.0	27.0	155.7
FIELDER	28.2	27.1	23.0	32.0	58.6	12.7	27.7	157.0
C.V. %	6.1	6.1	5.9	4.6	0.8	1.6	--	--
LSD '@ .10'	1.2	1.6	1.8	2.4	0.7	0.3	--	--
Average	32.5	33.7	29.9	37.9	60.1	12.6	27.0	155.0
Highest	36.4	38.4	36.1	46.7	62.4	13.5	33.3	158.7
Lowest	28.2	27.1	23.0	32.0	56.5	11.6	21.7	150.7

## 2006 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)	2006				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
LOLO	34.7	36.6	35.1	45.2	60.7	14.0	29.3	155.3
WQL9HDALP				41.0	60.2	11.9	26.3	157.0
IDO377S	32.5	33.7	31.6	40.7	60.1	14.4	29.0	156.0
BZ903-455WP-d				40.0	60.3	14.8	26.3	152.7
WAIKEA			32.9	39.8	59.8	13.9	27.0	151.0
ALTA BLANCA				39.1	60.4	14.0	30.7	157.0
WA008010				38.5	60.3	14.3	27.3	155.0
OTIS	33.2	34.5	32.4	38.4	60.7	13.9	32.3	156.7
WA007990				38.0	59.8	14.6	29.7	155.0
MACON	31.9	32.4	29.0	37.3	60.1	13.2	27.3	151.3
WA008012				36.4	61.6	13.3	28.0	152.7
BLANCA GRANDE		27.2	23.3	30.5	62.7	14.4	22.3	150.7
C.V. %	6.8	7.5	7.8	7.7	0.8	1.5	--	--
LSD '@ .10'	1.4	2.0	2.5	4.2	0.6	0.3	--	--
Average	33.0	32.9	30.7	38.8	60.6	13.9	28.0	154.2
Highest	34.7	36.6	35.1	45.2	62.7	14.8	32.3	157.0
Lowest	31.9	27.2	23.3	30.5	59.8	11.9	22.3	150.7

## 2006 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)	2006				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
SCARLET	32.1	33.7	30.0	39.9	59.2	14.9	30.0	158.0
JEFFERSON	30.4	31.1	28.5	38.6	60.2	15.0	26.3	153.0
HANK	30.3	30.9	29.0	37.5	60.4	15.4	26.0	153.3
WA008018				37.4	58.7	14.8	29.3	157.7
HOLLIS	29.4	30.6	29.5	37.2	59.9	15.8	33.0	152.7
ACS52610				37.2	61.6	14.4	25.7	155.7
WA007953				37.1	60.6	15.9	35.0	157.7
WA008015				37.0	56.9	15.7	30.3	158.7
WA007954				36.7	59.2	16.3	30.7	158.0
JEROME		31.8	29.1	35.9	60.8	15.1	26.3	151.3
WA008016				35.3	57.3	15.8	29.3	158.0
TARA 2002	28.6	29.6	28.5	35.1	60.0	15.0	26.0	151.0
BZ999-339			27.7	35.1	60.5	15.9	26.0	151.3
BZ9M03-1044				35.1	62.1	14.5	23.3	153.3
WA008017				34.7	59.2	15.6	26.7	152.0
WA007998			26.7	34.0	58.9	15.2	27.3	152.3
WESTBRED 926	26.8	27.6	26.7	33.9	60.2	15.9	25.0	151.3
UI WINCHESTER				33.7	61.9	14.6	25.7	152.7
JEFF/PRONTO				33.7	60.4	15.5	25.0	151.0
BUCK PRONTO		27.9	25.6	31.8	60.6	15.6	26.0	150.7
C.V. %	5.6	5.6	5.9	4.7	0.8	1.7	--	--
LSD '@.10'	1.0	1.4	1.7	2.3	0.7	0.4	--	--
Average	29.6	30.4	28.1	35.8	59.9	15.4	27.7	154.0
Highest	32.1	33.7	30.0	39.9	62.1	16.3	35.0	158.7
Lowest	26.8	27.6	25.6	31.8	56.9	14.4	23.3	150.7

## **LIND SPRING WHEAT – 2006 WSU VARIETY TESTING DATA**

1. 2006 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Lind location averaged 37.9, 38.8, and 35.8 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2006 spring wheat **average YIELDS were higher** by 12.4%, 18.6% and 17.7% for soft white spring, hard white spring and hard red spring wheat, respectively, compared to the historical 3-year average. This yield increase above historical yields is a function of above normal precipitation during end of May and first part of June that enhanced tiller production and development. In addition, this nursery was planted (16 March 2005) on summer fallow. *NOTE: This nursery was planted on the WSU Dryland Research Station at Lind, WA.*
2. In addition to above average yields, **TEST WEIGHT** values (average range across market classes was 56.5 lb/bu to 62.7 lb/bu) were fairly high, probably influenced by late season high temperatures during grain fill.
3. **GRAIN PROTEIN** values were high and averaged 12.6%, 13.9% and 15.4% for soft white, hard white and hard red spring market classes, respectively. Some of the elevated protein values are undoubtedly related to dry conditions during grain fill coupled with fairly high residual fertility levels on this summer fallow ground. The soil fertility levels favored hard spring market classes. Under commercial production of soft white spring wheat it is not expected that fertility levels would have been as high.
4. In general, variety **YIELD RANKINGS** closely followed 3-year yield rank trends.