

2006 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT CONNELL, 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
NICK	--	34.7	33.4	45.2	60.3	13.4	27.3	145.5
LOUISE	--	35.7	32.6	44.1	59.8	12.6	31.3	149.0
WA008007	--			43.1	56.4	13.9	31.7	151.5
EDEN	--	31.5	30.2	41.0	60.9	12.3	26.3	148.0
WAWAWAI	--	30.9	29.3	40.7	60.3	13.6	31.3	150.5
ALTURAS	--	32.1	29.0	39.7	59.2	12.6	26.3	149.0
UI CATALDO	--			39.1	58.8	13.2	25.0	143.0
WAKANZ	--	31.9	29.9	39.0	56.0	13.3	28.0	155.0
ALPOWA	--	30.3	27.5	38.9	58.0	13.1	28.0	151.0
WA008008	--			38.8	60.0	13.0	26.0	149.5
ZAK	--	28.5	27.2	38.2	57.2	14.1	30.3	153.5
UI PETTIT	--		27.3	37.4	61.8	12.2	23.3	147.0
WA007964	--	32.0	27.6	36.6	54.9	13.6	32.3	155.0
EDWALL	--	25.1	24.5	36.2	54.8	13.0	28.0	151.5
WA007988	--			35.3	58.5	14.2	24.3	152.0
WA007987	--		24.6	34.6	58.1	14.7	25.0	151.0
WA007986	--		25.6	34.3	56.2	15.0	25.0	150.5
FIELDER	--	22.5	21.5	32.3	57.3	13.3	30.3	153.0
C.V. %	--	8.3	8.3	6.7	1.1	1.5	--	--
LSD '@ .10'	--	2.0	2.3	3.6	0.9	0.3	--	--
Average	--	30.5	27.9	38.6	58.3	13.4	27.8	150.3
Highest	--	35.7	33.4	45.2	61.8	15.0	32.3	155.0
Lowest	--	22.5	21.5	32.3	54.8	12.2	23.3	143.0

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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	--	32.1	30.1	39.6	60.2	14.6	30.0	148.0
BZ903-455WP-d	--			39.5	59.5	14.7	27.3	147.5
WQL9HDALP	--			38.6	59.2	12.2	26.3	151.0
WAIKEA	--		30.5	38.5	59.4	14.0	27.7	144.5
MACON	--	26.9	24.9	36.4	59.5	13.7	27.3	144.5
OTIS	--	30.8	27.8	35.5	58.1	14.4	32.0	152.0
IDO377S	--	30.5	27.2	35.4	57.7	15.1	28.3	148.0
WA007990	--			35.4	58.9	15.2	30.0	149.5
WA008010	--			35.1	59.1	14.8	27.7	148.5
WA008012	--			34.9	60.7	13.7	27.7	147.0
ALTA BLANCA	--			34.1	59.0	14.5	30.0	151.0
BLANCA GRANDE	--	25.6	24.1	32.1	61.7	14.7	24.7	143.0
C.V. %	--	8.8	6.4	5.4	0.8	1.3	--	--
LSD '@ .10'	--	2.2	1.9	2.7	0.7	0.3	--	--
Average	--	29.2	27.4	36.3	59.4	14.3	28.3	147.9
Highest	--	32.1	30.5	39.6	61.7	15.2	32.0	152.0
Lowest	--	25.6	24.1	32.1	57.7	12.2	24.7	143.0

2006 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT CONNELL, 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
JEFFERSON	--	29.3	28.5	39.6	60.4	15.3	27.7	144.5
WA008018	--			39.3	57.8	15.0	29.3	152.0
SCARLET	--	29.1	26.6	37.7	58.6	15.2	30.0	150.5
TARA 2002	--	26.8	26.4	37.4	59.0	15.5	27.3	143.0
ACS52610	--			37.2	61.6	14.7	26.7	148.5
WA008015	--			37.1	55.8	16.0	30.0	153.5
WA008016	--			36.7	56.2	15.8	30.0	152.5
UI WINCHESTER	--			36.3	61.8	15.3	26.0	145.5
HANK	--	26.7	25.8	36.0	60.1	15.5	25.7	145.0
BZ999-339	--		25.4	35.8	60.1	16.1	25.7	142.5
WA007954	--			35.8	59.6	16.5	28.7	150.5
WA007998	--		25.7	35.4	56.7	15.7	27.3	144.0
WA008017	--			34.9	58.5	16.0	27.3	143.0
HOLLIS	--	27.3	26.0	34.6	60.2	16.1	32.3	149.0
WESTBRED 926	--	24.2	23.7	34.6	60.7	16.1	25.3	141.0
BZ9M03-1044	--			34.5	61.1	15.1	28.0	147.5
WA007953	--			33.8	59.6	16.2	34.0	153.5
JEFF/PRONTO	--			32.9	60.4	15.8	27.0	142.0
BUCK PRONTO	--	25.3	24.0	32.7	60.9	16.3	26.0	141.5
JEROME	--	25.3	24.2	32.4	60.7	15.1	25.0	143.5
C.V. %	--	9.6	6.6	6.5	0.9	1.6	--	--
LSD '@.10'	--	2.2	1.9	3.2	0.7	0.3	--	--
Average	--	26.8	25.6	35.7	59.5	15.7	28.0	146.7
Highest	--	29.3	28.5	39.6	61.8	16.5	34.0	153.5
Lowest	--	24.2	23.7	32.4	55.8	14.7	25.0	141.0

CONNELL SPRING WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Connell location averaged 38.6, 36.3, and 35.7 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2006 spring wheat **average YIELDS were higher** by 26.5%, 26.0% and 33.2% 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 (15 March 2005) on summer fallow.
2. In addition to above average yields, **TEST WEIGHT** values (average range across market classes was 58.3 lb/bu to 59.5 lb/bu) were fairly high, probably influenced by late season high temperatures during grain fill.
3. **GRAIN PROTEIN** values were high and averaged 13.4%, 14.3% and 15.7% 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 fertility levels favored hard spring market classes.
4. In general, variety **YIELD RANKINGS** followed 3-year yield rank trends.