

2006 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT WALLA WALLA, 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
LOUISE	52.3	55.4	50.4	57.8	59.8	9.9	32.3	158.0
ZAK	42.9	43.4	43.2	54.6	60.2	10.5	30.3	159.0
ALPOWA	48.5	48.2	41.7	54.3	62.0	10.6	29.3	159.5
WA008007				53.6	58.3	10.7	30.7	159.0
WAWAWAI	50.0	51.2	45.7	52.9	60.9	11.0	32.3	158.0
WAKANZ		46.9	44.4	51.2	59.3	11.1	28.3	160.0
WA007964		42.1	37.0	50.3	58.3	10.2	31.3	161.5
ALTURAS	43.6	40.8	34.5	46.9	59.8	10.6	27.3	158.5
UI CATALDO				44.9	59.5	11.3	23.7	152.0
NICK	50.8	47.4	40.2	43.2	60.9	11.6	25.3	155.0
WA007987			32.5	41.7	59.9	12.1	26.7	159.0
EDEN	49.2	46.5	39.3	40.2	60.8	11.1	26.3	158.0
UI PETTIT			35.6	36.5	60.8	11.5	24.7	151.5
WA008008				35.4	59.6	11.6	26.7	156.5
WA007986			30.1	34.2	59.4	12.4	25.0	158.5
FIELDER	30.7	29.1	25.4	33.3	59.2	11.8	27.7	160.0
EDWALL	36.6	33.6	27.5	31.7	57.3	11.8	28.7	157.0
WA007988				30.7	59.4	12.3	23.3	159.0
C.V. %	16.5	20.0	16.5	12.1	0.8	3.4	--	--
LSD '@ .10'	4.3	6.6	6.1	7.4	0.7	0.5	--	--
Average	45.0	44.0	37.7	44.1	59.7	11.2	27.8	157.8
Highest	52.3	55.4	50.4	57.8	62.0	12.4	32.3	161.5
Lowest	30.7	29.1	25.4	30.7	57.3	9.9	23.3	151.5

2006 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT WALLA WALLA, 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	61.7	69.0	62.7	84.3	62.4	11.8	36.7	157.0
WQL9HDALP				83.2	61.5	10.7	35.7	158.5
OTIS	55.4	61.1	55.4	81.4	61.5	11.9	40.3	157.5
BZ903-455WP-d				77.4	59.4	12.4	34.3	157.0
WAIKEA			61.8	75.3	58.8	12.7	36.7	153.5
ALTA BLANCA				74.2	62.0	12.1	37.3	157.0
MACON	52.3	56.4	52.5	73.8	60.5	11.8	35.7	155.0
IDO377S	51.8	55.5	47.3	68.2	61.2	12.8	35.7	156.5
WA007990				65.3	61.5	12.8	36.7	157.5
WA008012				61.2	61.8	12.4	34.7	154.0
WA008010				59.7	60.9	12.4	33.3	157.0
BLANCA GRANDE		54.3	49.5	58.7	62.4	13.9	28.7	149.5
C.V. %	9.9	11.2	12.2	7.9	0.9	3.8	--	--
LSD '@ .10'	3.5	5.5	7.1	8.0	0.8	0.6	--	--
Average	55.3	59.2	54.9	71.9	61.2	12.3	35.5	155.8
Highest	61.7	69.0	62.7	84.3	62.4	13.9	40.3	158.5
Lowest	51.8	54.3	47.3	58.7	58.8	10.7	28.7	149.5

2006 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT WALLA WALLA, 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
HANK	59.9	67.1	58.5	75.8	58.8	14.0	33.3	154.0
BZ999-339			55.4	74.1	58.5	14.2	34.3	153.0
ACS52610				72.6	61.6	13.7	33.0	159.0
WESTBRED 926	55.1	60.3	50.4	71.4	58.1	14.8	33.7	152.5
TARA 2002	56.1	63.0	59.4	70.9	60.6	13.6	37.3	152.5
HOLLIS	54.8	60.6	50.7	68.5	60.7	14.6	43.0	156.0
BUCK PRONTO		58.5	48.0	67.9	59.7	14.9	34.7	152.0
WA007998			49.6	67.6	58.1	14.6	36.3	154.5
WA007954				66.6	60.3	15.1	36.7	158.0
BZ9M03-1044				66.6	60.5	14.2	29.3	155.0
UI WINCHESTER				65.0	59.2	14.1	35.0	154.5
WA008016				64.4	59.0	14.4	37.3	158.5
JEFFERSON	54.1	57.8	47.4	63.5	56.9	15.2	35.0	154.5
JEFF/PRONTO				63.2	57.2	15.3	35.3	152.5
WA008017				62.7	59.2	14.7	34.7	154.0
JEROME		57.3	46.1	60.8	59.2	13.8	33.3	151.5
SCARLET	50.2	52.7	44.2	59.9	56.9	14.5	39.0	158.0
WA007953				56.9	60.6	14.7	44.7	158.5
WA008018				56.7	57.4	14.7	38.7	157.5
WA008015				55.2	57.5	15.1	39.0	158.5
C.V. %	11.1	12.2	12.3	10.7	3.4	5.4	--	--
LSD '@.10'	3.8	5.7	6.5	9.7	2.7	1.1	--	--
Average	55.0	59.7	51.0	65.5	59.0	14.5	36.2	155.2
Highest	59.9	67.1	59.4	75.8	61.6	15.3	44.7	159.0
Lowest	50.2	52.7	44.2	55.2	56.9	13.6	29.3	151.5

WALLA WALLA SPRING WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Walla Walla location averaged 44.1, 71.9, and 65.5 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2006 spring wheat **average YIELDS were higher** by 19.4% and 9.7% for hard white spring and hard red spring wheat, respectively, compared to the historical 3-year average. Soft white spring wheat average yields did not reach their expected yield potential in this nursery, partly due to germination and emergence that was reduced by fertilizer availability that was below the rooting zone at seeding. This nursery was planted on 28 March 2006 on winter wheat stubble with a no-till plot drill with cross-slot openers. An additional 45#N and 75#N was applied at seeding to the hard white and hard red spring nurseries based on soil test results to attain expected yield and protein for these market classes, respectively. The additional fertilizer appeared all season long to provide an early jump-start to the varieties in the hard nurseries compared to the soft white nursery.
NOTE: This nursery was located approximately 2 miles south of Prescott, WA on Hart Rd (A. Ford farm).
2. This nursery had a low to moderate level infestation of **Cereal Leaf Beetle (CLB)**; however, the infestation did not warrant an insecticide application for control. The CLB infestation is not considered have caused any yield loss.
3. **TEST WEIGHT** average values across all three market classes had a range of 56.9 to 62.4 lbs/bu. Generally test weight values in all market classes for the higher yielding varieties were fairly high, especially in the hard white spring wheat varieties.
4. At the risk of sounding like a broken record, in general, variety **YIELD RANKINGS** continue to closely follow historical 3-year yield rank trends.