

2006 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT MAYVIEW, 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	48.0	46.5	42.8	45.3	59.6	12.3	24.3	175.0
WAKANZ		42.5	37.1	44.9	57.7	11.8	24.7	180.0
WA007964		40.7	33.8	44.5	57.1	12.4	27.7	181.5
UI PETTIT			40.9	44.1	61.7	11.9	21.0	171.5
ZAK	42.3	40.4	34.3	43.4	58.6	12.6	27.0	179.0
WAWAWAI	42.4	40.5	35.6	43.3	59.4	12.4	28.3	178.0
EDEN	46.1	44.0	38.5	42.9	60.0	11.7	23.7	178.0
ALPOWA	43.2	40.8	37.0	42.6	59.8	11.7	26.7	179.5
LOUISE	42.7	37.1	35.0	40.8	57.7	12.0	28.3	178.0
UI CATALDO				40.4	58.3	11.9	23.0	172.0
ALTURAS	42.2	39.1	32.3	37.3	58.8	11.8	23.7	178.5
WA008008				36.8	58.4	12.3	22.7	176.5
WA008007				35.6	57.3	12.9	27.7	179.0
FIELDER	35.4	29.6	25.6	35.4	58.3	12.8	26.0	180.0
EDWALL	38.1	33.5	29.2	34.4	56.6	12.2	25.0	177.0
WA007986			30.6	33.6	56.4	13.5	24.0	178.5
WA007987			29.6	31.4	56.5	13.7	22.0	179.0
WA007988				29.4	56.7	13.7	20.3	179.0
C.V. %	7.9	8.2	9.4	8.4	1.1	3.4	--	--
LSD '@ .10'	1.9	2.5	3.1	4.6	0.9	0.6	--	--
Average	42.3	39.5	34.5	39.2	58.3	12.4	24.8	177.8
Highest	48.0	46.5	42.8	45.3	61.7	13.7	28.3	181.5
Lowest	35.4	29.6	25.6	29.4	56.4	11.7	20.3	171.5

2006 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT MAYVIEW, 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
OTIS	43.2	41.7	38.5	47.4	59.6	13.8	30.7	177.5
LOLO	46.9	47.1	39.7	47.3	59.7	13.9	28.0	177.0
BZ903-455WP-d				45.8	58.2	13.8	26.3	177.0
WAIKEA			41.0	45.3	57.1	13.8	28.7	173.5
ALTA BLANCA				43.9	59.7	14.1	28.0	177.0
IDO377S	42.5	42.0	35.7	43.1	58.2	14.3	27.0	176.5
WA008010				38.6	58.1	13.8	25.0	177.0
MACON	39.6	38.1	32.8	37.6	57.8	12.8	26.7	175.0
WQL9HDALP				35.6	59.1	11.7	25.3	178.5
WA007990				35.2	58.4	15.1	27.3	177.5
BLANCA GRANDE		43.8	37.5	35.0	61.1	14.6	24.0	169.5
WA008012				28.3	59.6	13.7	27.0	174.0
C.V. %	6.8	6.5	7.5	8.2	0.9	2.9	--	--
LSD '@ .10'	1.7	2.1	2.7	4.6	0.7	0.6	--	--
Average	43.0	42.6	37.5	40.3	58.9	13.8	27.0	175.8
Highest	46.9	47.1	41.0	47.4	61.1	15.1	30.7	178.5
Lowest	39.6	38.1	32.8	28.3	57.1	11.7	24.0	169.5

2006 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT MAYVIEW, 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	45.7	45.2	40.0	44.1	59.1	15.4	25.3	174.5
BZ999-339			40.3	43.6	58.0	15.5	26.0	173.0
WESTBRED 926	44.0	44.8	39.8	41.7	58.3	15.3	25.7	172.5
BUCK PRONTO		43.1	37.6	41.1	58.9	15.7	27.0	172.0
JEFF/PRONTO				40.3	58.6	15.8	26.3	172.5
UI WINCHESTER				39.9	59.3	14.4	24.7	174.5
WA007954				39.8	58.7	15.9	27.7	178.0
ACS52610				39.8	60.7	13.9	25.7	179.0
WA007953				39.7	59.6	15.8	32.3	178.5
BZ9M03-1044				39.6	59.4	14.6	21.0	175.0
HANK	44.5	44.2	38.9	38.1	58.1	14.9	24.3	174.0
JEROME		42.9	38.6	38.0	58.3	14.7	25.0	171.5
SCARLET	43.5	41.3	34.2	37.9	58.0	15.4	26.3	178.0
HOLLIS	37.1	36.3	31.2	36.2	58.4	16.3	31.7	176.0
TARA 2002	41.7	41.8	35.0	34.9	59.4	15.1	27.3	172.5
WA007998			34.3	34.9	58.5	15.2	25.7	174.5
WA008015				34.4	56.2	16.4	26.3	178.5
WA008016				33.6	56.2	16.1	25.7	178.5
WA008017				32.6	59.0	15.7	26.0	174.0
WA008018				32.5	57.1	15.5	25.3	177.5
C.V. %	7.4	6.8	7.7	9.0	0.7	1.9	--	--
LSD '@.10'	1.8	2.2	2.8	4.7	0.5	0.4	--	--
Average	42.8	42.4	37.0	38.1	58.5	15.4	26.3	175.2
Highest	45.7	45.2	40.3	44.1	60.7	16.4	32.3	179.0
Lowest	37.1	36.3	31.2	32.5	56.2	13.9	21.0	171.5

MAYVIEW SPRING WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Mayview location averaged 39.2, 40.3, and 38.1 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2006 spring wheat **average YIELDS** were about equal to the historical 3-yr average in the soft white market class but 5%-10% lower in the hard white and hard red spring market classes, respectively. *NOTE: The Mayview nursery was located in Garfield County approximately 25 miles northeast of Pomeroy, WA on the Tramway Rd. This nursery overlooks and is on what is called the 'breaks' of the Snake River, approximately 10 miles SE of Lower Granite Dam. The nursery is in a 16"-20" rainfall region. (Roger & Randy Koller farm).*
2. This nursery was **recrop seeded on** 27 April 2006 into winter wheat stubble with soil moisture within an inch of the surface. Throughout the growing season this was a nice, even stand.
3. **YIELD RANKINGS** among varieties within market classes bounced around a little when comparing with 3-yr and 5-yr historical yield rank patterns. This is another one of the nurseries that performed near average even with the up-and-down weather patterns thrown at it during the growing season.
4. **TEST WEIGHT** average values across all three market classes were slightly off this year and had a range of 58.3 to 58.9 lbs/bu. The dry/heat stress periods during grain fill undoubtedly resulted in lower test weights for many varieties/experimental lines.
5. **GRAIN PROTEIN** values averaged 12.4%, 13.8% and 15.4% for the soft white, hard white and hard red spring market classes, respectively.