

2006 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT ST. JOHN, 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	71.4	72.6	69.0	82.4	60.5	11.1	34.7	174.0
ALPOWA	68.3	68.9	68.2	82.0	61.4	11.4	32.7	175.5
WA007964		67.7	63.4	80.6	59.7	10.4	33.7	177.5
WA008007				79.7	60.3	12.4	33.3	175.0
ALTURAS	60.1	64.6	60.7	76.5	60.6	11.0	29.7	174.5
WAWAWAI	61.2	61.9	61.0	74.6	61.8	11.6	34.3	174.0
WAKANZ		66.4	65.5	74.4	60.4	11.2	29.0	176.0
NICK	65.6	66.1	64.4	74.3	61.7	11.8	29.3	171.0
UI CATALDO				73.3	60.5	11.3	29.3	168.0
WA007986			56.5	72.1	61.6	13.3	31.7	174.5
WA008008				71.9	60.9	11.6	29.7	172.5
ZAK	60.5	59.0	55.3	71.0	60.5	11.8	31.7	175.0
EDEN	64.2	65.0	59.4	70.2	62.1	11.3	29.7	174.0
WA007988				67.8	61.5	13.0	30.0	175.0
WA007987			55.0	66.6	61.1	12.7	33.7	175.0
EDWALL	55.2	52.1	47.4	63.8	58.3	11.2	31.3	173.0
UI PETTIT			59.2	63.5	63.0	11.6	25.7	167.5
FIELDER	50.6	47.4	43.1	59.3	59.9	11.7	32.3	176.0
C.V. %	8.2	7.8	7.2	5.3	0.8	3.1	--	--
LSD '@ .10'	3.1	3.9	4.2	5.3	0.7	0.5	--	--
Average	61.9	62.9	59.2	72.4	60.9	11.7	31.2	173.8
Highest	71.4	72.6	69.0	82.4	63.0	13.3	34.7	177.5
Lowest	50.6	47.4	43.1	59.3	58.3	10.4	25.7	167.5

2006 WSU EXTENSION HARD WHITE SPRING WHEAT NURSERY AT ST. JOHN, 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	70.4	69.1	69.8	83.2	61.2	12.1	37.7	173.5
LOLO	69.6	69.1	68.2	82.9	61.2	12.4	33.0	173.0
BZ903-455WP-d				82.2	60.7	12.2	32.7	173.0
WAIKEA			69.4	78.4	60.3	12.7	34.7	169.5
WQL9HDALP				77.7	61.4	10.7	32.3	174.5
MACON	64.2	62.4	60.5	77.1	60.0	12.1	32.3	171.0
ALTA BLANCA				76.4	62.1	12.5	33.3	173.0
IDO377S	63.7	63.1	62.1	75.8	60.4	12.6	34.0	172.5
WA007990				71.9	60.5	12.7	32.3	173.5
WA008010				66.9	61.3	12.4	31.3	173.0
BLANCA GRANDE		60.4	55.2	61.5	63.0	13.1	26.7	165.5
WA008012				57.5	62.6	11.9	31.7	170.0
C.V. %	6.5	5.8	6.0	4.9	0.9	2.7	--	--
LSD '@ .10'	2.6	3.1	3.9	5.1	0.7	0.5	--	--
Average	67.0	64.8	64.2	74.3	61.2	12.3	32.7	171.8
Highest	70.4	69.1	69.8	83.2	63.0	13.1	37.7	174.5
Lowest	63.7	60.4	55.2	57.5	60.0	10.7	26.7	165.5

2006 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT ST. JOHN, 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	69.4	66.2	67.3	81.2	59.4	14.1	31.3	170.0
WA007954				80.6	61.1	15.0	33.7	174.0
JEFFERSON	69.2	67.2	66.0	80.3	60.9	14.4	32.7	170.5
UI WINCHESTER				80.0	61.1	13.9	30.7	170.5
WA008016				79.6	59.7	14.0	32.3	174.5
BZ999-339			70.5	79.2	59.8	14.6	33.0	169.0
WESTBRED 926	65.2	64.6	64.3	79.1	60.1	14.8	32.0	168.5
SCARLET	66.8	63.4	61.2	78.1	60.5	14.0	33.0	174.0
JEFF/PRONTO				77.0	60.6	14.8	32.3	168.5
WA007953				76.9	62.3	14.8	41.7	174.5
ACS52610				76.9	62.0	13.4	32.3	175.0
BUCK PRONTO		64.9	64.1	75.7	60.4	15.1	32.3	168.0
BZ9M03-1044				74.7	62.5	13.7	28.7	171.0
TARA 2002	66.5	65.3	62.9	74.5	61.1	14.4	34.7	168.5
HOLLIS	66.1	63.7	63.9	74.1	60.7	15.1	41.7	172.0
WA008015				74.0	59.7	13.8	32.3	174.5
WA008018				71.5	60.7	13.5	32.3	173.5
WA007998			63.7	70.4	60.5	14.6	32.3	170.5
JEROME		65.1	63.7	68.8	60.8	13.6	30.7	167.5
WA008017				65.4	60.9	14.8	32.3	170.0
C.V. %	7.4	7.8	8.5	6.2	0.8	2.3	--	--
LSD '@.10'	3.1	4.1	5.6	6.5	0.7	0.5	--	--
Average	67.2	65.1	64.8	75.9	60.7	14.3	33.1	171.2
Highest	69.4	67.2	70.5	81.2	62.5	15.1	41.7	175.0
Lowest	65.2	63.4	61.2	65.4	59.4	13.4	28.7	167.5

ST JOHN SPRING WHEAT – 2006 WSU VARIETY TESTING DATA

1. 2006 Spring Wheat **yield data** from the WSU Variety Testing nursery at the St John, WA location averaged 72.4, 74.3, and 75.9 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2006 spring wheat **average YIELDS were higher** by 15.1%, 13.9% and 16.5% for soft white, hard white and hard red spring market classes, respectively. *NOTE: This nursery was located, approximately 8 miles east of St John, WA on Ingram Rd (M. Mills's farm).*
2. The nursery was **seeded** on 26 April 2006 on re-crop ground following winter wheat. There was good soil moisture at seeding with the moisture level just one-inch below the soil surface. Germination and emergence was good and the stand was uniform. Little to **no Stripe rust** appeared in this nursery.
3. **YIELD RANKINGS** among varieties within market classes generally followed 3-year historical yield rank patterns. Good soil moisture at seeding coupled with late-May-early June precipitation with cool weather was nearly ideal for plant and kernel development and allowed the plants to withstand the heat stress periods on late June and July 2006.
4. **TEST WEIGHT** average values across all three market classes were good this year and had a range of 58.3 to 63.0 lbs/bu. Average test weight in all market classes was above 60 lbs/bu.
5. **GRAIN PROTEIN** values averaged 11.7%, 12.3% and 14.3% for the soft white, hard white and hard red spring market classes respectively. Protein values for each market class appear to be following similar trends seen in nurseries at other locations where soft white values are slightly elevated but hard white and hard red spring varieties/experimental lines are within acceptable minimum protein values, on average, for the market class.