

2008 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT ST. JOHN, WA.

Variety Name <i>*Club Italized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2008				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WAKANZ	67.1	70.2	68.1	67.9	59.0	11.6	28.0	181.0
ZAK	62.3	68.4	67.1	65.9	58.0	12.2	31.0	180.0
WHIT		67.5	65.3	63.7	57.3	11.8	30.4	176.2
ALPOWA	68.3	72.2	67.3	63.6	58.6	11.3	31.9	179.9
WA008046			63.4	60.1	57.8	12.2	28.3	179.0
<i>EDEN</i>	64.5	65.9	63.8	60.0	60.1	11.5	28.4	179.2
WA008041			61.0	59.3	57.5	12.2	30.0	181.0
WA008059			61.6	57.2	57.7	13.1	30.3	177.5
LOUISE	69.5	70.7	64.9	55.9	59.5	11.2	31.9	179.9
WA008090				53.1	59.3	11.4	31.3	179.5
NICK	62.8	63.4	57.9	51.0	59.3	12.6	28.3	175.5
WA008042				49.7	58.8	12.3	29.9	181.4
WA008039			59.4	48.8	57.9	11.8	29.7	178.5
<i>WA008082</i>				46.3	58.6	12.4	29.3	180.0
BZ604-026				45.6	58.1	12.2	25.9	177.7
WA008089				45.3	60.2	11.5	29.0	179.5
ALTURAS	60.8	62.2	55.1	44.5	57.6	11.3	28.4	180.7
WA008058				44.4	58.1	13.1	28.7	178.0
<i>WA008047</i>			55.8	42.4	59.3	12.3	28.7	180.5
UI CATALDO		59.2	52.2	42.3	57.4	11.3	27.3	174.5
<i>WA008049</i>				31.9	57.3	13.0	29.3	182.0
C.V. %	8.9	9.0	10.7	14.4	1.5	4.5	--	--
LSD '@ .10'	3.3	4.4	6.0	10.4	1.2	0.8	--	--
Average	65.0	66.6	61.6	52.3	58.5	12.0	29.3	179.1
Highest	69.5	72.2	68.1	67.9	60.2	13.1	31.9	182.0
Lowest	60.8	59.2	52.2	31.9	57.3	11.2	25.9	174.5

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA008078				62.4	59.4	14.2	31.7	175.5
WA008080				58.0	59.3	13.5	32.3	176.0
07M SP1				57.9	59.6	13.6	31.0	179.0
OTIS	66.4	69.3	62.4	54.5	60.5	13.5	34.3	177.0
RSI10348W				53.9	58.8	13.4	27.2	173.3
WA008081				53.6	58.4	13.5	32.7	175.5
LOLO	66.4	69.1	62.3	52.9	60.6	13.4	29.7	177.5
WA008037				48.7	58.9	14.9	31.3	178.5
MACON	59.8	63.0	55.9	46.2	58.5	12.8	29.7	177.0
WA008079				45.3	59.0	12.7	34.2	180.0
BLANCA GRANDE	57.3	55.6	52.6	43.4	60.0	13.8	25.3	173.0
CLEAR WHITE			51.3	41.4	58.9	12.8	26.3	174.5
C.V. %	7.7	8.3	9.8	11.8	1.2	2.5	--	--
LSD '@ .10'	2.8	3.9	5.3	8.6	1.0	0.5	--	--
Average	62.5	64.3	56.9	51.5	59.3	13.5	30.5	176.4
Highest	66.4	69.3	62.4	62.4	60.6	14.9	34.3	180.0
Lowest	57.3	55.6	51.3	41.4	58.4	12.7	25.3	173.0

2008 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)	2008				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
HOLLIS	63.2	66.3	62.4	59.0	59.9	15.3	34.7	176.0
WA008034			63.3	57.9	58.7	14.8	31.0	178.0
SCARLET	63.1	67.8	62.7	56.7	59.1	15.3	32.0	177.1
TARA 2002	64.2	66.6	62.6	56.7	60.7	14.2	32.5	173.3
VOLT		64.1	57.7	55.4	60.6	13.7	27.3	179.5
WESTBRED 926	62.4	65.7	59.0	54.9	59.1	15.2	28.3	173.0
WA008033				54.6	58.9	14.6	31.7	178.0
KELSE		64.9	57.0	52.4	59.7	15.3	30.7	175.5
NPBHR70				51.8	58.3	15.4	29.5	176.3
JEFFERSON	63.5	65.4	58.0	51.7	60.3	15.3	28.5	177.1
AP-81				51.6	60.8	14.5	26.3	177.0
HANK	62.9	65.6	57.8	51.1	59.0	14.1	25.0	176.3
WA008077				51.0	58.7	15.3	31.0	178.6
JEDD		62.7	56.7	50.0	60.8	13.8	24.0	175.0
RSI20035				49.9	59.6	14.8	26.7	173.0
BUCK PRONTO	62.4	64.4	58.8	49.7	58.7	15.8	29.7	173.0
WA008026				47.7	60.7	15.3	32.3	177.0
UI WINCHESTER				46.8	59.3	14.2	26.5	173.3
WA008027			54.8	46.0	59.8	16.0	31.0	175.5
WA008030			55.4	43.7	60.3	15.1	30.0	178.0
BZ901-717				43.6	59.3	15.4	28.3	172.5
C.V. %	8.6	8.2	9.1	10.7	0.7	2.6	--	--
LSD '@ .10'	3.2	4.0	5.0	7.6	0.6	0.5	--	--
Average	63.1	65.4	58.9	51.5	59.6	14.9	29.4	175.9
Highest	64.2	67.8	63.3	59.0	60.8	16.0	34.7	179.5
Lowest	62.4	62.7	54.8	43.6	58.3	13.7	24.0	172.5

ST. JOHN SPRING WHEAT – 2008 WSU VARIETY TESTING DATA

1. 2008 Spring Wheat **YIELD DATA** from the WSU Variety Testing nursery at the St. John, WA location averaged 52.3, 51.5, and 51.5 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. The 2008 spring wheat yields were below the previous historical 3-year average by (19.5%), (22%), and (21.3%) for soft white spring, hard white spring, and hard red spring, respectively. *NOTE: This nursery was located, approximately 4 miles east of St John, WA on Ingram Rd (Mac and Rod Mills farm).*
2. This nursery was planted (22 April 2008) on re-crop ground following winter wheat with a double disc plot drill (6-inch spacing) at a 80#/acre seeding rate. A March 2008 soil test showed 10.46 inches moisture in the top 4-feet. Base fertilizer was 70#N and 15#S. March 2008 soil test analysis showed 198#N, 17P#, and 12S#.
3. Average **TEST WEIGHT** values ranged across market classes from 57.3 lb/bu to 60.8 lb/bu.
4. **GRAIN PROTEIN** values averaged 12.0%, 13.5% and 14.9% for soft white, hard white and hard red spring market classes, respectively.