

2007 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT ENDICOTT, WA.

Variety Name <i>*Club Italized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
<i>WA008047</i>	--	--	--	53.2	60.5	12.2	33.0	165.0
WA008039	--	--	--	52.9	59.1	11.4	30.0	162.3
LOUISE	--	--	--	52.3	57.3	11.8	34.7	163.0
<i>EDEN</i>	--	--	--	52.2	60.3	11.3	30.0	162.0
WA008059	--	--	--	52.1	60.2	12.5	31.7	161.7
ALPOWA	--	--	--	52.0	58.8	11.4	30.3	163.3
NICK	--	--	--	51.4	59.2	12.2	29.0	161.0
WA008008	--	--	--	51.0	58.3	11.8	29.7	160.7
ZAK	--	--	--	50.9	58.2	12.4	31.7	164.3
WA008044	--	--	--	50.2	58.4	11.6	29.0	164.3
WAKANZ	--	--	--	48.7	56.1	12.4	29.0	165.0
WA008041	--	--	--	48.6	57.9	12.0	32.0	163.7
WA008043	--	--	--	48.4	58.8	11.3	28.0	163.3
UI CATALDO	--	--	--	48.0	56.9	12.3	29.3	159.3
ALTURAS	--	--	--	47.8	58.2	11.4	30.0	162.3
WA008046	--	--	--	44.5	57.8	12.5	30.7	162.7
ARS05S303	--	--	--	43.0	54.2	13.2	29.0	165.0
<i>WA007989</i>	--	--	--	42.0	59.0	13.0	27.3	165.7
C.V. %	--	--	--	3.3	0.7	1.3	--	--
LSD '@ .10'	--	--	--	2.3	0.6	0.2	--	--
Average	--	--	--	49.4	58.3	12.0	30.2	163.0
Highest	--	--	--	53.2	60.5	13.2	34.7	165.7
Lowest	--	--	--	42.0	54.2	11.3	27.3	159.3

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WQL9HDALP	--	--	--	55.3	59.0	11.0	31.3	163.0
WAIKEA	--	--	--	54.5	56.8	12.6	32.7	160.7
BZ903-445WP-d	--	--	--	53.3	57.4	13.1	31.7	161.0
BLANCA GRANDE	--	--	--	50.6	61.1	13.4	26.3	157.7
LOLO	--	--	--	50.4	59.2	12.7	32.0	162.3
MACON	--	--	--	49.9	56.7	12.7	31.0	159.7
WA008038	--	--	--	49.8	58.8	12.7	34.3	160.3
OTIS	--	--	--	49.3	58.5	12.7	37.0	164.3
CLEAR WHITE	--	--	--	48.9	59.1	12.6	27.3	158.3
WA008036	--	--	--	47.1	59.5	12.9	37.0	162.7
WA008035	--	--	--	45.3	56.8	13.1	30.3	161.3
PATWIN	--	--	--	42.6	55.8	14.3	26.0	165.0
C.V. %	--	--	--	6.3	0.8	1.6	--	--
LSD '@ .10'	--	--	--	7.6	1.1	0.5	--	--
Average	--	--	--	49.8	58.2	12.8	31.4	161.4
Highest	--	--	--	55.3	61.1	14.3	37.0	165.0
Lowest	--	--	--	42.6	55.8	11.0	26.0	157.7

2007 WSU EXTENSION HARD RED SPRING WHEAT NURSERY AT ENDICOTT, WA.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2007				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
SCARLET	--	--	--	52.0	57.7	13.5	32.3	162.0
WA008034	--	--	--	51.9	57.4	13.4	33.7	164.0
HANK	--	--	--	49.4	58.4	14.3	29.7	159.7
JEFFERSON	--	--	--	48.7	58.8	14.5	31.3	161.0
BZ999-339	--	--	--	48.1	58.0	14.4	31.0	159.3
WA008013	--	--	--	47.7	60.1	14.8	39.7	162.7
JEDD	--	--	--	47.4	59.5	14.1	26.3	159.7
JEFF/PRONTO	--	--	--	47.4	57.6	14.0	31.0	159.3
WA008031	--	--	--	47.2	57.7	15.3	32.7	162.7
JEROME	--	--	--	47.0	58.6	14.1	30.0	160.0
TARA 2002	--	--	--	46.7	58.0	14.1	33.0	158.7
ACS52610	--	--	--	46.5	61.0	13.5	29.3	164.7
WESTBRED 926	--	--	--	46.4	58.1	14.6	29.3	158.0
WA008030	--	--	--	46.3	58.5	14.4	33.7	163.3
WA007954	--	--	--	46.0	58.4	15.0	33.3	164.3
WA008027	--	--	--	45.9	59.4	15.3	34.3	163.0
BUCK PRONTO	--	--	--	45.3	58.4	14.8	30.3	158.3
CABERNET	--	--	--	45.2	58.9	13.9	24.3	160.7
HOLLIS	--	--	--	44.8	58.4	14.8	38.3	162.7
RSI50076	--	--	--	44.5	56.1	14.0	24.7	161.3
GRANAR	--	--	--	42.4	57.7	15.0	29.7	165.0
C.V. %	--	--	--	3.2	0.9	1.7	--	--
LSD '@ .10'	--	--	--	3.5	0.7	0.4	--	--
Average	--	--	--	47.0	58.4	14.4	31.3	161.5
Highest	--	--	--	52.0	61.0	15.3	39.7	165.0
Lowest	--	--	--	42.4	56.1	13.4	24.3	158.0

ENDICOTT SPRING WHEAT – 2007 WSU VARIETY TESTING DATA

1. 2007 Spring Wheat **yield data** from the WSU Variety Testing nursery at the Endicott, WA location averaged 49.4, 49.8, and 47.0 bu/ac for soft white spring, hard white spring and hard red spring wheat, respectively. *NOTE: The Endicott nursery was located 10-miles east of Endicott, WA near Diamond (M. Richter farm).*
2. This nursery was planted (29 March 2007) on re-crop ground following spring barley with a no-till plot drill (cross slot openers on 10-inch spacing) at a 70#/acre seeding rate. Base fertilizer, 30#N, 6#P, 6#S, was applied at seeding. A March 2007 soil test showed 195#N, 28#P, 10#S availability in the top 4-feet. No additional fertilizer was applied to the hard white or hard red spring nurseries.
3. Little to **no disease pressure** including Stripe rust was apparent in the 2007 nursery.
4. Since this is a new testing location there is not historical data to compare with; however, the **yield levels** are considered good considering the below normal precipitation that occurred during the 3-month period from March through May 2007.
5. **TEST WEIGHT** values (average range across market classes was 58.2 lb/bu to 58.4 lb/bu) were somewhat low, probably influenced most by a heat stress during grain fill during late June 2007.
6. **GRAIN PROTEIN** values averaged 12.0%, 12.8% and 14.4% for soft white, hard white and hard red spring market classes, respectively.