

2009 WSU SOFT WHITE SPRING WHEAT TRIAL SUMMARY
Precipitation Zone= 12"-16"

VARIETY NAME (SWH Club in italics)	ALMIRA	ENDICOTT	LAMONT	AVERAGE YIELD	ALMIRA	ENDICOTT	LAMONT	AVERAGE TEST WEIGHT	ALMIRA	ENDICOTT	LAMONT	AVERAGE PROTEIN
	YIELD (BU/A)				TW (LBS/BU)				PROTEIN (%)			
WA008089	65	68	52	62	60.5	62.3	60.7	61.2	11.1	11.3	11.0	11.2
BZ604-002	62	67	51	60	60.5	61.9	60.4	60.9	11.6	12.5	11.7	11.9
LOUISE	65	64	52	60	60.2	61.5	60.2	60.6	11.4	12.0	11.3	11.6
NICK	64	63	53	60	60.8	61.3	60.1	60.7	12.0	12.8	11.9	12.2
WA008106	61	67	49	59	60.6	61.6	60.7	61.0	11.3	11.8	11.3	11.5
<i>JD (HSR)</i>	60	64	50	58	61.4	62.2	60.6	61.4	11.9	12.9	11.9	12.2
WA008090	57	61	55	58	59.9	61.3	60.8	60.7	11.1	12.0	11.0	11.4
WA008112	58	72	43	58	56.7	59.7	58.3	58.2	11.8	11.5	11.1	11.5
ZAK	57	65	51	58	59.1	60.7	59.9	59.9	11.9	12.8	11.9	12.2
ALTURAS	55	74	43	58	59.5	61.2	59.4	60.0	11.4	11.6	10.7	11.2
WAKANZ	58	69	46	57	58.5	60.1	59.1	59.2	11.9	12.1	11.9	12.0
<i>EDEN (HSR)</i>	70	58	44	57	60.5	62.1	60.5	61.0	11.2	11.8	11.2	11.4
BABE	63	60	47	57	61.1	60.6	60.5	60.7	11.5	12.2	10.9	11.5
WHIT	65	65	39	56	59.7	60.6	59.2	59.8	11.6	12.1	11.7	11.8
WA008039HF	64	58	45	56	61.3	61.2	60.1	60.9	11.6	12.4	11.4	11.8
WA008041	61	60	46	56	58.0	59.8	58.8	58.9	11.7	12.9	11.8	12.1
CATALDO	53	66	47	55	58.8	60.9	59.1	59.6	11.9	12.2	11.3	11.8
<i>EDEN</i>	65	57	42	54	60.3	62.1	60.5	61.0	11.2	11.9	11.4	11.5
<i>JD</i>	58	59	44	54	60.9	62.1	60.5	61.2	11.6	12.7	11.6	12.0
WA008104	61	59	41	53	60.0	62.1	60.9	61.0	11.9	12.6	11.6	12.0
WA008059	55	54	49	53	59.2	59.5	59.1	59.3	12.9	14.3	13.0	13.4
ALPOWA	57	60	40	52	59.8	61.2	60.2	60.4	11.2	12.9	11.2	11.8
WA008108	58	54	41	51	61.3	61.2	60.6	61.0	11.7	12.7	11.8	12.1
WA008058	54	48	48	50	59.7	60.0	59.7	59.8	12.8	14.5	12.8	13.4
	STATISTICS				STATISTICS				STATISTICS			
CV (%)	8	8	13	9	1.1	0.8	0.7	0.9	2.5	1.8	3.3	2.6
LSD (0.10)	6	7	8	4	0.9	0.7	0.6	0.4	0.4	0.3	0.5	0.2
Average	60	62	47	56	59.9	61.1	60.0	60.4	11.7	12.4	11.6	11.9
Highest	70	74	55	62	61.4	62.3	60.9	61.4	12.9	14.5	13.0	13.4
Lowest	53	48	39	50	56.7	59.5	58.3	58.2	11.1	11.3	10.7	11.2

2009 WSU HARD SPRING WHEAT TRIAL SUMMARY

Precipitation Zone= 12"-16"

VARIETY NAME	ALMIRA	ENDICOTT	LAMONT	AVERAGE YIELD	ALMIRA	ENDICOTT	LAMONT	AVERAGE TEST WEIGHT	ALMIRA	ENDICOTT	LAMONT	AVERAGE PROTEIN
	YIELD (BU/A)				TW (LBS/BU)				PROTEIN (%)			
Hard Red Spring												
SCARLET	56	73	57	62	58.4	61.1	59.7	59.7	15.4	15.6	15.3	15.4
LASSIK	55	63	47	55	60.2	61.7	60.2	60.7	13.9	15.0	15.0	14.6
HOLLIS	51	65	45	53	59.6	61.8	60.6	60.7	15.8	16.1	16.0	16.0
HANK	51	65	43	53	59.2	62.0	59.8	60.3	15.6	15.9	14.4	15.3
JEFFERSON	53	62	43	53	59.2	62.1	60.4	60.6	15.1	15.8	15.2	15.4
KELSE	50	64	43	52	60.0	61.1	59.6	60.2	16.1	16.9	15.5	16.2
WA008074	50	61	41	51	60.3	61.9	60.4	60.9	15.1	15.9	14.7	15.2
UI WINCHESTER	50	62	40	51	60.7	62.1	60.5	61.1	15.6	15.9	15.1	15.5
BULLSEYE	51	59	41	51	61.3	62.7	61.1	61.7	14.6	14.8	13.9	14.4
NPBHR70	49	55	44	49	59.2	61.1	59.5	59.9	16.0	16.3	15.9	16.1
VOLT	49	61	38	49	60.3	62.2	60.1	60.9	14.5	15.5	14.5	14.8
TARA 2002	49	59	39	49	59.3	61.2	59.4	60.0	15.7	16.8	15.6	16.0
WA008027	48	59	38	49	59.5	61.4	60.0	60.3	16.6	17.4	16.4	16.8
BUCK PRONTO	42	54	48	48	58.9	60.8	59.1	59.6	16.7	17.1	17.6	17.1
JEDD	48	61	33	47	60.5	63.0	60.9	61.5	14.9	15.2	15.3	15.1
WESTBRED 926	47	53	42	47	59.4	61.1	59.4	60.0	16.0	16.9	15.9	16.3
OR4990114	43	60	36	46	59.5	61.9	59.7	60.4	15.3	15.1	15.4	15.3
WA008072	48	55	36	46	60.2	61.8	60.0	60.7	15.7	15.7	15.3	15.6
WA008076	50	51	37	46	60.6	62.0	60.5	61.0	15.4	16.0	15.5	15.6
WA008075	47	55	36	46	60.8	62.2	60.7	61.2	16.4	16.7	15.6	16.2
Hard White Spring												
BZ903-445WP	54	77	50	60	58.8	61.0	60.0	59.9	14.4	15.2	13.8	14.5
OTIS	46	76	55	59	59.8	62.5	61.3	61.2	13.8	14.2	13.3	13.8
WA008100	52	77	48	59	58.7	62.9	60.8	60.8	13.7	12.5	13.4	13.2
WA008079	55	70	47	57	60.1	62.0	60.8	61.0	13.2	13.2	13.0	13.1
WA008078	55	61	50	55	59.9	61.7	59.8	60.5	14.2	15.3	14.1	14.5
WA008101	47	67	47	53	59.4	62.0	60.5	60.6	13.1	14.0	13.0	13.4
CLEAR WHITE	55	54	47	52	60.1	61.8	59.7	60.5	13.2	14.1	13.1	13.5
MACON	45	62	43	50	58.5	61.9	59.9	60.1	13.5	13.5	13.0	13.3
RS110348W	47	56	44	49	59.6	61.9	60.0	60.5	14.1	14.9	13.9	14.3
BLANCA GRANDE	44	43	33	40	61.3	61.9	60.6	61.3	14.7	15.7	14.6	15.0
	STATISTICS				STATISTICS				STATISTICS			
CV (%)	8	7	10	8	0.9	0.4	0.8	0.7	2.2	1.6	3.7	2.6
LSD (0.10)	5	6	6	3	0.7	0.4	0.6	0.3	0.4	0.3	0.8	0.6
Average	50	61	43	51	59.8	61.8	60.2	60.6	14.9	15.4	14.8	15.1
Highest	56	77	57	62	61.3	63.0	61.3	61.7	16.7	17.4	17.6	17.1
Lowest	42	43	33	40	58.4	60.8	59.1	59.6	13.1	12.5	13.0	13.1

2009 WSU Hard Spring Wheat Trial Summary

Precipitation Zone 12"-16" – Preliminary Data

1. Hard spring wheat (including red and white) grain yield across three locations, 20 hard red entries, and 10 hard white entries in the 12"-16" precipitation zone averaged 51 bushels/acre, seven bushels/acre higher than the 2008 average. These trials were analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values. The highest value and other values within the LSD range are shown in bold for yield, test weight, and protein.

2. Test weight averaged 60.6 lb/bu across locations and entries, with a range of 59.6 lb/bu to 61.7 lb/bu. Test weights averaged higher than last year. Grain protein averaged 15.1% with a range of 13.1% to 17.1%, 0.5% higher than last year's average.

2009 WSU Soft White Spring Wheat Trial Summary

Precipitation Zone 12"-16" – Preliminary Data

1. Soft white spring wheat grain yield across three locations, and 24 entries in the 12"-16" precipitation zone averaged 56 bushels/acre, 10 bushels/acre higher than the 2008 average. These trials were analyzed as Alpha Lattice designs that overall helped to account for within replication variation and reduced LSD and CV values. The highest value and other values within the LSD range are shown in bold for yield, test weight, and protein.

2. Club varieties are indicated by italic print and the 'hsr ' designates a 20% higher seeding rate for two club varieties. The hsr entries averaged 3.5 bushels/acre higher yield than those varieties seeded at the conventional seeding rate. This yield difference due to seeding rate supports the hypothesis that club cultivars tend to tiller less and need higher plant populations to produce to their capability.

3. Test weight averaged 60.4 lb/bu across locations and entries, with a range of 58.2 lb/bu to 61.4 lb/bu. Test weights averaged slightly higher than last year. Grain protein averaged 11.9% with a range of 11.2% to 13.4%, slightly lower than last year's average.