

## 2009 WSU SOFT WHITE SPRING WHEAT TRIAL SUMMARY

### Precipitation Zone= >20"

VARIETY NAME (SWH Club in italics)	FARMINGTON	PULLMAN	AVERAGE YIELD	FARMINGTON	PULLMAN	AVERAGE TEST WEIGHT	FARMINGTON	PULLMAN	AVERAGE PROTEIN
	YIELD (BU/A)			TW (LBS/BU)			PROTEIN (%)		
<b>WA008106</b>	95	85	<b>90</b>	61.7	62.9	62.3	10.8	11.6	11.2
<i>JD</i>	99	80	<b>89</b>	62.3	63.6	<b>63.0</b>	11.3	11.7	11.5
WA008112	95	82	<b>89</b>	60.2	60.7	60.5	10.9	11.8	11.4
<b>BABE</b>	101	77	<b>89</b>	61.2	63.0	62.1	10.7	11.7	11.2
WA008041	94	81	<b>88</b>	60.2	60.7	60.5	11.5	11.5	11.5
<i>JD (HSR)</i>	96	80	<b>88</b>	61.9	63.8	<b>62.9</b>	11.3	12.3	11.8
LOUISE	94	80	<b>87</b>	60.8	62.3	61.6	10.9	11.5	11.2
WA008090	100	72	<b>86</b>	61.8	62.5	62.2	11.0	11.7	11.4
WA008089	95	77	<b>86</b>	61.7	63.2	62.5	10.5	11.3	<b>10.9</b>
ALTURAS	90	81	<b>86</b>	60.8	61.5	61.2	10.5	11.0	<b>10.8</b>
<i>EDEN (HSR)</i>	92	78	85	62.0	63.3	<b>62.7</b>	10.8	11.5	11.2
ALPOWA	90	78	84	61.8	62.6	62.2	11.1	11.5	11.3
<i>EDEN</i>	91	77	84	62.0	62.8	62.4	10.9	11.5	11.2
WA008039HF	88	80	84	61.1	63.4	62.3	11.0	12.0	11.5
WAKANZ	91	75	83	60.0	61.7	60.9	11.1	12.0	11.6
WHIT	92	74	83	61.0	61.7	61.4	11.0	11.9	11.5
BZ604-002	84	81	83	61.2	62.5	61.9	10.5	11.8	11.2
NICK	87	78	82	61.1	62.0	61.6	11.3	12.4	11.9
ZAK	87	77	82	60.9	61.4	61.2	10.9	12.0	11.5
WA008104	85	75	80	62.3	62.9	62.6	11.8	12.2	12.0
WA008108	85	72	79	61.7	62.7	62.2	11.7	12.3	12.0
CATALDO	77	73	75	59.8	60.4	60.1	11.1	11.7	11.4
WA008059	77	67	72	60.2	61.4	60.8	12.7	13.0	12.9
WA008058	78	64	71	60.5	62.2	61.4	12.6	13.0	12.8
	STATISTICS			STATISTICS			STATISTICS		
<b>CV (%)</b>	4	7	6	0.4	0.6	0.5	1.6	2.6	2.2
<b>LSD (0.10)</b>	5	7	5	0.4	0.5	0.3	0.2	0.4	0.2
<b>Average</b>	90	77	83	61.2	62.3	61.7	11.2	11.9	11.5
<b>Highest</b>	101	85	90	62.3	63.8	62.9	12.7	13.0	12.9
<b>Lowest</b>	77	64	71	59.8	60.4	60.1	10.5	11.0	10.8

1. Soft white spring wheat grain yield across two locations and 24 entries in the >20" precipitation zone averaged 83 bu/ac, 22 bu/ac 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 and test weight, but the lowest group is bolded for protein.
2. Club varieties are indicated by italicized print and the (HSR) designates a 20% higher seeding rate for two club varieties.
3. Test weight averaged 61.7 lb/bu across locations and entries, with a range of 60.1 lb/bu to 62.9 lb/bu. Test weights averaged over 1 lb/bu higher than last year. Grain protein averaged 11.5% with a range of 10.8% to 12.9%, 0.4 % higher than last year's average.