

**2010 WSU SOFT WHITE SPRING WHEAT TRIAL SUMMARY**  
**Precipitation Zone= <12"**

VARIETY NAME (SWH Club in italics)	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE YIELD	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE TEST WEIGHT	BICKLETON	CONNELL	HORSE HEAVEN	LIND	AVERAGE PROTEIN
	YIELD (BU/A)					TW (LBS/BU)					PROTEIN (%)				
<i>JD</i>	25	53	55	48	<b>45</b>	55.8	61.2	62.2	60.3	59.9	13.6	12.1	12.4	12.3	12.6
<i>WA008124</i>	23	52	55	50	<b>45</b>	54.9	59.7	60.8	57.9	58.3	12.4	12.1	12.2	12.2	12.2
<i>JD +25%</i>	27	50	53	48	<b>45</b>	56.8	61.4	62.6	60.6	<b>60.4</b>	12.2	11.8	12.5	12.0	12.1
<i>WAKANZ</i>	27	49	54	48	<b>45</b>	52.6	58.0	60.0	57.0	56.9	12.1	11.9	12.6	12.4	12.3
<i>WA008113</i>	28	46	54	46	<b>44</b>	55.8	60.3	60.9	59.0	59.0	11.1	11.9	12.1	11.7	11.7
<i>LOUISE</i>	22	50	53	47	43	53.3	60.4	61.1	59.3	58.5	11.3	11.8	12.2	11.8	11.8
<i>WA008110</i>	23	48	54	47	43	54.6	58.9	60.0	57.6	57.8	12.8	12.4	12.7	12.8	12.7
<i>WA008089</i>	25	48	49	49	43	55.3	60.7	61.5	60.2	59.4	11.6	11.4	11.9	11.4	<b>11.6</b>
<i>EDEN</i>	30	45	52	42	42	56.2	61.2	62.4	60.5	<b>60.1</b>	12.0	11.1	11.6	11.4	<b>11.5</b>
<i>DIVA</i>	19	51	50	49	42	52.7	60.7	61.5	60.3	58.8	12.3	12.2	12.0	11.7	12.1
<i>BABE</i>	32	43	48	45	42	56.0	60.2	60.6	59.8	59.2	11.3	11.9	12.5	11.5	11.8
<i>IDO669</i>	22	46	51	47	42	54.4	59.9	60.6	58.5	58.4	12.1	11.7	12.5	11.9	12.1
<i>WHIT</i>	26	43	53	44	42	54.6	60.8	61.6	59.2	59.1	12.0	11.9	12.7	11.9	12.1
<i>EDEN +25%</i>	27	47	49	42	41	56.4	61.3	62.3	60.7	<b>60.2</b>	12.4	11.3	12.0	11.5	11.8
<i>NICK</i>	31	41	49	43	41	55.5	60.9	61.7	58.9	59.3	11.5	11.6	12.9	12.4	12.1
<i>IDO671</i>	20	48	46	47	40	56.0	60.9	61.7	59.5	59.5	11.3	11.7	11.8	11.5	<b>11.6</b>
<i>WA008105</i>	24	44	50	43	40	55.8	61.3	62.4	59.3	59.7	11.7	11.1	11.9	11.8	<b>11.6</b>
<i>ALPOWA</i>	24	42	48	47	40	55.3	60.0	60.5	58.7	58.6	11.8	11.2	12.4	11.4	11.7
<i>ALTURAS</i>	19	47	47	47	40	55.3	60.8	61.7	59.0	59.2	11.1	11.9	12.0	11.8	11.7
<i>WA008106</i>	24	45	46	45	40	56.4	60.8	61.6	59.9	59.7	11.1	11.9	12.3	11.8	11.8
<i>ZAK</i>	25	41	51	42	40	54.7	59.2	60.0	57.3	57.8	13.3	11.8	13.0	12.6	12.7
<i>IDO599</i>	20	44	42	48	39	54.9	60.9	61.2	59.4	59.1	11.8	11.6	12.2	11.7	11.8
<i>WA008107</i>	26	38	40	41	36	55.7	60.5	60.7	59.9	59.2	12.1	12.8	13.5	13.0	12.9
<i>CATALDO</i>	16	35	35	34	30	54.4	59.4	60.1	57.7	57.9	12.3	12.0	12.9	12.5	12.4
<b>CV (%)</b>	14	5	6	4	6	1.7	0.7	0.5	0.6	1.0	3.7	2.1	2.3	1.8	2.6
<b>LSD (0.10)</b>	5	3	4	3	2	1.3	0.6	0.4	0.5	0.4	0.6	0.3	0.4	0.3	0.2
<b>Average</b>	24	46	49	45	41	55.1	60.4	61.2	59.2	59.0	12.0	11.8	12.4	12.0	12.0
<b>Highest</b>	32	53	55	50	45	56.8	61.4	62.6	60.7	60.4	13.6	12.8	13.5	13.0	12.9
<b>Lowest</b>	16	35	35	34	30	52.6	58.0	60.0	57.0	56.9	11.1	11.1	11.6	11.4	11.5

## 2010 WSU Soft White Spring Wheat Trial Summary

### Precipitation Zone <12" – Preliminary Data

1. Soft white spring wheat grain yield across four locations and 24 entries in the <12" precipitation zone averaged 41 bushels/acre, 18 bushels/acre higher than the 2009 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 top LSD range are shown in bold for yield and test weight, but the lowest group is bolded for protein.
2. Yields ranged from 24 to 49 bu/acre among locations with Bickleton being lower due to less precipitation. Entries across locations ranged from 30 to 45 bushels/acre with 5 of the 24 entries in the top LSD group indicated by bold lettering.
3. Club varieties are indicated by italic print and the '+25%' designates a 25% higher seeding rate for two club varieties.
4. The test weights were good except for Bickleton and averaged 59.0 lb/bu across locations and entries, with a range of 56.9 lb/bu to 60.4 lb/bu among entries. Test weights averaged 2.2 lb/bu lower than last year. Grain protein averaged 12.0% with a range of 11.5% to 12.9% and averaged lower than in 2009.