

## 2014 WSU Variety Testing Soft White Spring Wheat Trial Summary

### Precipitation Zone 16-20"

Variety Name <i>(Club Italicized)</i>	Dayton	Plaza	Reardan	St. John	Average	Dayton	Plaza	Reardan	St. John	Average	Dayton	Plaza	Reardan	St. John	Average
	Yield (Bu/A)					Test Wt (Lbs/Bu)					Protein (%)				
	Dayton	Plaza	Reardan	St. John	Average	Dayton	Plaza	Reardan	St. John	Average	Dayton	Plaza	Reardan	St. John	Average
<i>Diva</i>	41	85	37	73	<b>59</b>	57.8	57.6	57.3	61.6	58.6	11.9	11.8	14.4	11.0	12.3
<i>WA 8214</i>	48	80	37	58	56	58.0	58.8	56.1	61.4	58.6	11.8	11.7	13.9	11.6	12.3
<i>Louise</i>	45	76	30	64	54	57.4	57.0	54.6	60.4	57.3	11.9	11.9	14.7	10.6	12.3
<i>WA 8213</i>	42	78	33	60	53	55.7	56.1	54.6	58.7	56.2	11.5	11.2	14.1	10.8	11.9
<i>Nick</i>	45	71	33	60	52	58.9	59.2	56.8	60.8	<b>58.9</b>	12.0	12.7	15.4	11.6	12.9
<i>Louise-G2</i>	44	70	31	64	52	56.1	56.3	55.1	61.0	57.1	12.3	12.3	15.0	11.5	12.8
<i>WA 8193</i>	45	70	30	63	52	56.0	59.0	54.8	60.5	57.6	12.2	11.7	15.0	11.1	12.5
<i>Whit</i>	42	74	36	57	52	57.8	58.3	56.1	59.9	58.0	11.8	12.4	14.7	12.0	12.7
<i>WA 8215</i>	44	74	28	60	52	58.1	58.5	56.8	60.0	58.4	11.6	11.7	15.0	11.1	12.4
<i>WB6341</i>	44	70	33	59	51	57.4	58.8	56.0	59.7	58.0	10.9	11.7	14.0	10.6	11.8
<i>Louise-0W</i>	42	70	30	62	51	55.8	56.4	54.2	60.2	56.6	12.4	12.3	15.3	11.3	12.8
<i>Alpowa</i>	42	69	31	61	51	57.3	57.9	56.2	60.6	58.0	11.8	12.1	15.1	11.4	12.6
<i>WA 8189</i>	42	71	28	60	51	56.9	58.5	54.1	60.6	57.5	11.8	12.6	16.0	11.2	12.9
<i>WA 8224</i>	41	69	33	59	50	57.6	56.6	56.6	61.2	58.0	11.5	11.8	14.7	10.9	12.2
<i>JD</i>	42	69	28	61	50	58.2	59.9	56.7	61.9	<b>59.2</b>	12.1	12.3	15.1	12.6	13.0
<i>Zak</i>	39	68	27	66	50	56.1	56.8	55.2	60.4	57.1	13.2	12.8	16.3	12.0	13.6
<i>WA 8195</i>	40	77	32	52	50	58.4	59.0	56.4	61.1	<b>58.7</b>	11.8	12.0	14.7	11.9	12.6
<i>IDO851</i>	41	71	30	57	50	57.5	57.5	55.0	59.9	57.5	11.2	11.5	13.7	11.4	12.0
<i>WA 8162 (Seahawk)</i>	42	68	31	56	49	58.2	59.4	57.0	60.3	<b>58.7</b>	11.6	12.7	15.1	11.6	12.7
<i>Alturas</i>	39	67	32	57	49	56.9	57.7	54.3	60.5	57.4	11.7	12.0	14.3	11.2	12.3
<i>Babe</i>	39	71	32	54	49	58.3	60.1	57.1	60.4	<b>59.0</b>	11.6	11.9	14.6	12.0	12.5
<i>UI-Stone (IDO599)</i>	40	67	33	55	49	58.7	58.3	55.5	60.6	58.3	11.3	12.1	14.2	11.3	12.2
<i>IDO852</i>	39	67	33	50	47	58.6	58.8	57.0	61.3	<b>58.9</b>	11.5	11.9	14.2	12.0	12.4
<i>WB-1035CL+</i>	35	66	33	49	46	58.7	57.9	55.2	60.9	58.2	13.3	12.5	16.6	13.7	<b>14.0</b>
<b>C.V. %</b>	5	5	11	7	6	0.6	2.1	1.7	1.4	1.6	1.7	2.9	2.1	4.0	2.8
<b>LSD (0.10)</b>	2	5	4	4	2	0.3	1.3	1.0	0.9	0.5	0.2	0.4	0.3	0.5	0.2
<b>Average</b>	42	72	32	59	51	57.5	58.1	55.8	60.6	58.0	11.9	12.1	14.8	11.5	12.6
<b>Highest</b>	48	85	37	73	59	58.9	60.1	57.3	61.9	59.2	13.3	12.8	16.6	13.7	14.0
<b>Lowest</b>	35	66	27	49	46	55.7	56.1	54.1	58.7	56.2	10.9	11.2	13.7	10.6	11.8

2014 WSU Soft White Spring Wheat Trial Summary  
Precipitation Zone 16-20" – Preliminary Data

1. Soft white spring wheat grain yield across four locations and 24 entries in the 16-20" precipitation zone averaged 51 bushels/acre and is 23 bushels/acre lower than the 2013 average of 74 bushels/acre. Results from Walla Walla were not included because they were atypical due to low yields and high variability. The Mayview trial was lost due to severe hail damage. The Plaza site is new for 2014 The average yield CV at 6 was similar to the 2013 CV (5).
2. Yields among entries averaged across locations ranged from 46 to 59 bushels/acre. 'Diva' was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (2 bushels/acre) of the highest yield are shown in bold and this included one of the 24 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 58.0 lbs/bu across locations and entries and was much lower than last year's 60.6 lbs/bu average. Grain protein averaged 12.6% and was higher than last year's 11.9% protein value.