

## 2013 WSU Variety Testing SW Spring Wheat Trial, Bickleton

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2013			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
<b>Babe</b>	32	34	39	<b>36</b>	<b>59.8</b>	10.9	27
<b>WA 8189</b>				<b>36</b>	58.7	11.6	25
<b>WA 8194</b>				<b>33</b>	58.0	11.1	27
<b>WB-1035CL+</b>		30	36	<b>33</b>	<b>59.5</b>	12.0	27
<b>WA 8196</b>				<b>33</b>	57.7	11.7	25
<b>WA 8195</b>				32	<b>59.8</b>	11.4	27
<b>Nick</b>	31	32	39	32	58.9	11.2	27
<b>WA 8162</b>			36	31	<b>59.2</b>	11.0	24
<i>WA 8193</i>				31	<b>59.6</b>	11.4	25
<b>Whit</b>	29	32	35	30	59.0	11.5	25
<b>Wakanz</b>	30	33	35	30	56.9	11.9	24
<b>Alpowa</b>	27	30	34	30	58.9	11.7	25
<b>Zak</b>	28	30	33	30	57.6	12.7	26
<i>ARS03174CS-14</i>				29	<b>59.6</b>	11.8	25
<i>JD</i>	30	34	34	29	<b>60.1</b>	11.7	24
<b>Louise</b>	29	33	37	29	57.3	11.7	29
<b>Louise-G2</b>		32	34	29	58.3	11.4	28
<b>IDO854</b>				28	<b>59.1</b>	11.5	28
<b>Diva</b>	28	32	34	26	<b>59.8</b>	10.6	26
<b>Louise-0W</b>			34	26	58.9	11.1	27
<b>IDO852</b>				26	<b>59.5</b>	10.7	27
<b>IDO851</b>				23	58.6	10.8	26
<b>Alturas</b>	26	27	28	22	57.8	11.1	25
<b>UI-Stone (IDO599)</b>			29	21	<b>59.9</b>	10.6	26
<b>C.V. %</b>	14	14	9	11	1.6	4.8	5
<b>LSD (.10)</b>	2	3	2	3	1.0	0.6	1
<b>Average</b>	29	32	34	29	58.9	11.4	26
<b>Highest</b>	32	34	39	36	60.1	12.7	29
<b>Lowest</b>	26	27	28	21	56.9	10.6	24

### Bickleton Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Bickleton soft white spring wheat trial averaged 29 bushels/acre, equal to the 5-year average. The Bickleton nursery was located about 3 miles east of Bickleton, WA (S. Matsen, cooperator).
2. This nursery was seeded on 22 April, 2013 following spring wheat. Seed was placed at a 60#/acre seeding rate using a no till plot drill equipped with Cross-Slot openers. A spring soil test showed 107#N/acre and 15#N/acre was applied at planting. Spring seeding conditions and establishment were good.
3. Yields ranged from 21 bu/acre to 36 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 5 of the 24 entries are in this group. 'Babe' was the highest yielding named entry in the trial and also the highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.
4. Test weights averaged 58.9 lbs/bu with a range from 56.9 to 60.1 lbs/bu. Grain protein averaged 11.4% with a range of 10.6 to 12.7%. The average plant height was 26 inches and there was no lodging.