

## 2012 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)	2012				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Nick	34	31	32	<b>47</b>	59.2	11.6	31	178
Louise	32	30	34	<b>44</b>	59.2	11.7	32	182
Louise-0W				41	57.9	11.5	31	179
Babe	32	33	33	41	<b>60.8</b>	11.0	29	181
Diva	30	30	35	41	<b>60.2</b>	11.3	30	180
Whit	32	30	32	41	58.7	11.4	29	179
Louise-G2			34	40	58.9	11.3	31	179
Wakanz	32	32	35	40	58.4	12.3	27	183
WA 8162				40	<b>60.7</b>	11.9	27	183
<i>JD</i>	32	32	36	39	<b>61.1</b>	11.8	28	179
WB-1035CL+			28	39	58.9	12.5	28	177
WA 8161				39	59.6	11.8	32	182
<i>ARS03174CS</i>				38	<b>60.9</b>	12.5	28	184
WA 8124		30		38	60.0	10.8	31	183
Alpowa	29	29	31	38	<b>60.2</b>	11.3	30	185
ARS03173LS				38	59.5	12.4	29	180
IDO599		29		37	<b>60.9</b>	10.6	28	179
IDO669		29		37	59.0	12.4	32	181
<i>WA 8160</i>				37	59.6	12.5	29	182
IDO687			31	36	<b>60.9</b>	11.2	28	184
Zak	30	28	30	36	59.6	12.3	29	181
IDO671		24	26	35	58.9	11.1	29	182
IDO686			27	34	59.3	11.3	31	181
Alturas	27	26	30	34	59.0	10.8	28	179
C.V. %	14	15	16	8	1.5	6.5	6	1
LSD (.10)	2	3	4	3	0.9	0.8	2	2
Average	31	30	32	39	59.6	11.6	29	181
Highest	34	33	36	47	61.1	12.5	32	185
Lowest	27	24	26	34	57.9	10.6	27	177

### Bickleton Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Bickleton soft white spring wheat trial averaged 39 bushels/acre, 8 bushels/acre higher than the 5-year average. The Bickleton nursery was located about two miles east of Bickleton, WA (S. Matsen, cooperator).
2. This nursery was seeded on 13 April, 2012 following spring wheat. Seed was placed at a 60#/acre seeding rate using a no-till plot drill equipped with hoe openers set on 12-inch spacing. A phosphorus-sulfur starter fertilizer was applied through the drill and a soil test showed 223#N/acre available. Spring seeding conditions were good.
3. Yields ranged from 34 bu/acre to 47 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 2 of the 24 entries are in this group. 'Nick' was the highest yielding entry and also was the highest yielding over 5 years of results at this site. No fungicide or stripe rust impact influenced this trial.
4. Test weights averaged 59.6 lbs/bu and ranged from 57.9 to 61.1 lbs/bu. Grain protein averaged 11.6% with a range of 10.6 to 12.5%. The average plant height was 29 inches with no lodging.