

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

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	HEAD DATE
WA 8189				<b>68</b>	<b>61.8</b>	12.8	35	166
Alpowa	57	56	60	63	<b>62.0</b>	13.1	34	166
Babe	57	55	56	60	<b>62.0</b>	13.4	35	164
Louise-G2		60	59	59	61.5	13.2	36	165
Louise-0W			58	59	61.4	13.0	36	165
IDO851				58	<b>61.6</b>	11.9	30	164
WA 8195				58	61.5	13.0	34	164
Zak	59	55	58	58	60.8	13.1	34	166
<i>ARS03174CS-14</i>				57	<b>61.7</b>	13.0	33	167
Alturas	64	57	61	57	61.2	12.2	30	165
Nick	57	54	56	56	61.4	13.2	32	164
Louise	64	59	61	56	61.3	12.8	35	165
Diva	63	58	59	56	61.5	13.1	36	165
UI-Stone (IDO599)			55	54	61.5	12.4	31	164
<i>JD</i>	61	54	52	54	<b>62.1</b>	12.9	34	166
WA 8162			55	54	<b>61.6</b>	13.1	32	166
<i>WA 8193</i>				53	<b>61.9</b>	12.3	30	166
WB-1035CL+		49	52	53	60.7	13.5	32	163
WA 8196				52	59.8	13.6	32	164
Whit	60	55	56	51	60.8	13.7	31	164
WA 8194				51	60.5	14.4	35	166
Wakanz	60	54	53	50	60.3	13.2	32	166
IDO854				48	61.5	13.6	32	164
IDO852				48	<b>61.6</b>	12.8	31	163
C.V. %	7	6	7	7	0.8	3.6	4	0
LSD (.10)	2	2	3	4	0.5	0.5	1	0
Average	60	55	57	56	61.3	13.1	33	165
Highest	64	60	61	68	62.1	14.4	36	167
Lowest	57	49	52	48	59.8	11.9	30	163

### Endicott Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Endicott soft white spring wheat trial averaged 56 bushels/acre, 4 bushels/acre less than the 5-year average. The Endicott nursery was located about five miles east of Endicott, WA (M. Richter, cooperator).
2. This nursery was seeded on 4 April, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a no-till plot drill equipped with hoe openers. A spring soil test showed 289#N/acre and 30#N/acre was applied before seeding. Spring seeding conditions and establishment were good.
3. Yields ranged from 48 bu/acre to 68 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and one of the 24 entries is in this group. `Alpowa' was the highest yielding named entry in the trial and `Louise' and `Alturas' were the highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.
4. Test weights averaged 61.3 lbs/bu with a range from 59.8 to 62.1 lbs/bu. Grain protein averaged 13.1% with a range of 11.9 to 14.4%. The average plant height was 33 inches and there was no lodging.