

## 2014 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)	2014				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Louise	60	53	48	<b>39</b>	61.9	13.3	31	160
Nick	52	50	48	<b>39</b>	61.6	14.1	27	158
WA 8214				<b>39</b>	61.6	13.4	26	157
Diva	58	52	46	<b>36</b>	<b>62.2</b>	13.5	31	161
WB6341				<b>36</b>	61.5	12.3	25	158
WA 8189			52	<b>36</b>	61.8	13.5	29	164
WA 8213				<b>36</b>	60.5	12.4	29	162
Alturas	56	52	45	34	61.4	12.7	27	160
Louise-G2		51	46	33	61.4	13.1	29	160
Whit	53	48	42	32	61.1	13.9	26	158
WA 8215				32	61.8	13.4	28	162
Alpowa	51	50	47	31	62.0	14.2	26	162
IDO851			45	31	61.5	12.6	28	160
Louise-0W		49	45	31	60.7	12.8	29	160
Babe	51	47	45	30	62.0	14.0	27	161
WB-1035CL+		45	41	29	61.0	15.1	24	159
<i>JD</i>	55	44	42	29	61.7	14.0	29	160
WA 8224				29	61.3	13.3	29	162
<i>WA 8193</i>			41	29	61.2	14.1	26	161
WA 8162 (Seahawk)		46	41	28	61.3	13.6	26	164
WA 8195			43	28	61.1	13.0	29	160
Zak	51	48	43	28	60.3	14.8	30	164
IDO852			35	23	61.8	13.3	26	158
UI-Stone (IDO599)	49	45	39	23	<b>62.8</b>	13.2	25	159
C.V. %	8	8	8	10	0.9	2.8	5	0
LSD (.10)	2	2	3	4	0.6	0.4	2	0
Average	54	49	44	32	61.5	13.5	28	160
Highest	60	53	52	39	62.8	15.1	31	164
Lowest	49	44	35	23	60.3	12.3	24	157

### Endicott Soft White Spring Wheat – Preliminary Data

1. Grain yield in the 2014 soft white spring wheat trial averaged 32 bushels/acre, 22 bushels/acre lower than the 5-year average. The Endicott nursery was located about four miles east of Endicott, WA (J. Huntley, cooperator).
2. This nursery was seeded on 24 March, 2014 following chem-fallow. Seed was placed at an 80#/acre seeding rate using a plot drill set on 7-inch spacing. Base fertilizer was 95#N/acre and a spring soil test showed 78#/acre of soil available N. Spring seeding conditions and establishment were good, but low available soil water and precipitation limited yields.
3. Yields ranged from 23 bu/acre to 39 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and seven of the 24 entries are in this group. 'Louise' and 'Nick' were the highest yielding entries in the trial. Louise was also the highest yielded over 5-years of results from this location. No fungicide was applied and no stripe rust was reported.
4. Test weights averaged 61.5 lbs/bu with a range from 60.3 to 62.8 lbs/bu. Grain protein averaged 13.5% with a range of 12.3 to 15.1%. The average plant height was 28 inches with no lodging.