

2014 WSU Variety Testing SW Spring Wheat Trial, St. John

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
<i>Diva</i>	68	76	75	73	61.6	11.0	35	174
<i>Zak</i>	62	73	71	66	60.4	12.0	32	175
<i>Louise-G2</i>		71	69	64	61.0	11.5	33	174
<i>Louise</i>	65	72	68	64	60.4	10.6	35	175
<i>WA 8193</i>			67	63	60.5	11.1	31	175
<i>Louise-0W</i>		71	67	62	60.2	11.3	34	174
<i>JD</i>	63	67	64	61	61.9	12.6	33	176
<i>Alpowa</i>	59	68	69	61	60.6	11.4	31	175
<i>WA 8215</i>				60	60.0	11.1	29	174
<i>Nick</i>	55	66	67	60	60.8	11.6	30	173
<i>WA 8213</i>				60	58.7	10.8	32	174
<i>WA 8189</i>			72	60	60.6	11.2	30	175
<i>WB6341</i>				59	59.7	10.6	27	173
<i>WA 8224</i>				59	61.2	10.9	32	173
<i>WA 8214</i>				58	61.4	11.6	31	174
<i>IDO851</i>			62	57	59.9	11.4	31	175
<i>Alturas</i>	59	64	59	57	60.4	11.2	29	174
<i>Whit</i>	62	68	65	57	59.9	12.0	31	174
<i>WA 8162 (Seahawk)</i>		69	65	56	60.3	11.6	30	174
<i>UI-Stone (IDO599)</i>		65	61	55	60.6	11.3	29	174
<i>Babe</i>	60	66	61	54	60.4	12.0	29	175
<i>WA 8195</i>			62	52	61.1	11.9	32	174
<i>IDO852</i>			57	50	61.3	12.0	31	174
<i>WB-1035CL+</i>		59	59	49	60.9	13.7	27	173
<i>C.V. %</i>	8	6	6	7	1.4	4.0	4	0
<i>LSD (.10)</i>	2	3	3	4	0.9	0.5	1	0
<i>Average</i>	61	68	65	59	60.6	11.5	31	174
<i>Highest</i>	68	76	75	73	61.9	13.7	35	176
<i>Lowest</i>	55	59	57	49	58.7	10.6	27	173

St. John Soft White Spring Wheat – Preliminary Data

1. Grain yield in the St. John 2014 soft white spring wheat trial averaged 59 bushels/acre, only 2 bushels/acre lower than the 5-year average. The St. John nursery was located about four miles east of St. John, WA (J. Gisselberg, Cooperator).
2. This nursery was seeded on 14 April, 2014 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill equipped with double-disc openers set on 7-inch spacing. Base fertilizer was 80#N/acre and a spring soil test showed 214#/acre of soil available N. Spring seeding conditions and establishment were good.
3. Yields ranged from 49 bu/acre to 73 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. 'Diva' was the highest yielding entry in the trial. No fungicide was applied and no stripe rust was observed.
4. Test weights averaged 60.6 lbs/bu with a range from 58.7 to 61.9 lbs/bu. Grain protein averaged 11.5% with a range of 10.6 to 13.7%. The average plant height was 31 inches with no lodging.