

2013 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)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA 8189				83	61.3	11.8	32	179
<i>ARS03174CS-14</i>				79	59.9	12.3	32	179
Diva	73	76	78	78	61.0	11.9	36	178
Alpowa	63	66	71	76	61.1	12.4	34	176
Zak	66	69	76	76	59.6	12.3	34	178
WA 8194				76	60.0	12.0	34	179
Louise-G2		75	74	75	59.8	11.7	35	175
Nick	60	62	69	74	60.3	12.8	31	175
WA 8162			75	74	61.1	12.3	33	176
Louise	71	74	76	73	59.8	11.3	36	175
Whit	69	70	74	73	59.9	11.9	33	174
WA 8195				73	61.1	11.5	33	176
Louise-0W			75	73	59.8	11.9	35	177
<i>WA 8193</i>				71	60.9	11.4	31	178
Babe	67	69	72	69	61.0	12.3	33	176
IDO854				68	60.6	12.1	34	176
WB-1035CL+		55	63	68	60.5	12.7	31	175
UI-Stone (IDO599)			70	67	60.9	12.1	33	177
Wakanz	66	66	68	67	58.5	12.4	29	177
<i>JD</i>	68	69	70	67	61.5	12.4	34	178
IDO851				66	60.0	11.7	31	177
IDO852				64	61.0	12.1	33	176
WA 8196				63	59.3	12.2	30	175
Alturas	65	66	68	62	59.8	11.3	31	177
C.V. %	7	7	6	5	0.7	5.1	3	0
LSD (.10)	2	3	3	4	0.5	0.6	1	1
Average	67	68	72	72	60.4	12.0	33	177
Highest	73	76	78	83	61.5	12.8	36	179
Lowest	60	55	63	62	58.5	11.3	29	174

St. John Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 St. John soft white spring wheat trial averaged 72 bushels/acre, 5 bushels/acre higher than the 5-year average. The St. John nursery was located about 3 miles east of St. John, WA (Mac Mills, cooperator).

2. This nursery was seeded on 9 April, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill equipped with double-disk openers. A spring soil test showed 79#N/acre and 70#N/acre was applied before planting. Spring seeding conditions and establishment were good.

3. Yields ranged from 62 bu/acre to 83 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. 'Diva' 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.

Test weights averaged 60.4 lbs/bu with a range from 58.5 to 61.5 lbs/bu. Grain protein averaged 12.0% with a range of 11.3 to 12.8%. The average plant height was 33 inches and there was no lodging.