

2014 WSU Variety Testing SW Spring Wheat Trial, Reardan

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
WA 8214				37	56.1	13.9	29	172
<i>Diva</i>	74	63	60	37	57.2	14.4	32	174
<i>Whit</i>	71	61	61	36	56.1	14.7	28	173
WA 8224				33	56.6	14.7	31	175
WB-1035CL+		54	56	33	55.2	16.6	28	172
UI-Stone (IDO599)		60	59	33	55.5	14.2	29	172
WB6341				33	55.9	14.0	28	173
WA 8213				33	54.6	14.1	31	174
IDO852			55	33	57.0	14.2	30	173
<i>Nick</i>	66	58	58	33	56.7	15.4	27	172
<i>Alturas</i>	70	56	54	32	54.3	14.3	29	173
<i>Babe</i>	72	60	59	32	57.1	14.6	29	174
WA 8195			59	32	56.4	14.7	32	173
WA 8162 (Seahawk)		58	56	31	57.0	15.1	29	175
Louise-G2		59	57	31	55.1	15.0	33	174
<i>Alpowa</i>	71	59	57	31	56.2	15.1	29	176
<i>Louise</i>	73	60	57	30	54.5	14.7	30	174
<i>Louise-0W</i>		58	59	30	54.2	15.3	34	175
IDO851			58	30	55.0	13.7	28	173
<i>WA 8193</i>			57	30	54.8	15.0	27	176
<i>JD</i>	69	54	54	28	56.7	15.1	29	175
WA 8189			56	28	54.1	16.0	31	177
WA 8215				28	56.8	15.0	29	174
<i>Zak</i>	62	54	51	27	55.2	16.3	31	177
C.V. %	7	8	7	11	1.7	2.1	5	0
LSD (.10)	2	3	3	4	1.0	0.3	2	1
Average	70	58	57	32	55.8	14.8	30	174
Highest	74	63	61	37	57.2	16.6	34	177
Lowest	62	54	51	27	54.1	13.7	27	172

Reardan Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Reardan 2014 soft white spring wheat trial averaged 32 bushels/acre, 38 bushels/acre lower than the 5-year average. The Reardan nursery was located about seven miles west of Reardan, WA (H. Johnson, Cooperator).
2. This nursery was seeded on 11 April, 2014 following spring wheat. Seed was placed at an 80#/acre seeding rate using a no-till plot drill equipped with cross-slot openers set on 12-inch spacing. Base fertilizer was 80#N/acre and a spring soil test showed 178#/acre of soil available N. Spring seeding conditions and establishment were good, but low available soil water and precipitation limited yields and variability was high limiting the scope of these results.
3. Yields ranged from 27 bu/acre to 37 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and ten of the 24 entries are in this group. 'Whit' and 'Diva' were the highest yielding entries in the trial. No fungicide was applied and no stripe rust was observed.
4. Test weights averaged 55.8 lbs/bu with a range from 54.1 to 57.2 lbs/bu. These low test weights reflect a stressed grain filling due to water limitation. Grain protein averaged 14.8% with a range of 13.7 to 16.6%. The average plant height was 30 inches with no lodging.