

2014 WSU Variety Testing Hard Spring Wheat Trial, Plaza

Variety Name <i>*Hard White 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>WB-Hartline</i>	--	--	--	79	58.3	13.3	35	178
SAS W4	--	--	--	78	56.5	13.4	35	186
WA 8217	--	--	--	76	60.1	13.5	35	177
Bullseye	--	--	--	76	60.7	14.2	33	177
Glee-0W	--	--	--	76	59.8	14.0	37	175
Glee-G2	--	--	--	76	59.5	14.2	37	176
Glee (WA 8074)	--	--	--	76	60.5	13.8	36	176
<i>BR7030</i>	--	--	--	74	60.7	13.1	33	179
<i>UC1741</i>	--	--	--	74	56.6	13.0	32	180
<i>LCS-Atomo</i>	--	--	--	73	60.9	13.0	28	174
05SB84	--	--	--	72	56.3	13.6	29	180
Scarlet	--	--	--	71	59.1	13.6	36	181
<i>Dayn (WA 8123)</i>	--	--	--	70	59.3	13.3	35	176
<i>WA 8216</i>	--	--	--	70	60.0	13.7	37	177
Jefferson	--	--	--	70	59.9	13.8	36	177
<i>LCS-Star (08SB0658-B)</i>	--	--	--	70	57.6	13.4	32	181
Kelse	--	--	--	69	59.3	14.9	36	177
WA 8218	--	--	--	69	60.3	14.4	35	180
<i>Otis</i>	--	--	--	68	60.1	12.7	40	180
<i>IDO1202S</i>	--	--	--	68	60.2	13.7	35	180
WA 8220	--	--	--	68	60.5	14.1	37	180
LCS-Buck Pronto	--	--	--	68	59.9	15.3	35	173
SY Steelhead	--	--	--	67	61.4	15.0	37	181
SAS 4B	--	--	--	67	54.4	13.6	32	186
HRS 3419	--	--	--	67	56.0	14.1	34	183
<i>UC1744</i>	--	--	--	66	58.2	14.4	32	178
WA 8165	--	--	--	66	60.9	14.5	47	181
10SB0087-B	--	--	--	65	59.2	13.4	29	179
11SB0096	--	--	--	65	58.0	13.1	32	179
<i>UC1743</i>	--	--	--	64	56.3	14.7	28	181
Hollis	--	--	--	64	59.1	14.8	47	178
WB-Fuzion	--	--	--	64	59.0	14.4	36	175
WA 8219	--	--	--	63	60.5	14.8	37	180
IDO862E	--	--	--	63	60.3	14.3	33	173
SY605 CL	--	--	--	63	61.6	14.8	38	172
WB9879CLP	--	--	--	63	59.7	14.5	33	178
HRS 3361	--	--	--	62	57.3	14.4	35	179
WA 8166 (Alum)	--	--	--	62	59.1	14.1	36	180
<i>UI-Platinum (IDO694C)</i>	--	--	--	62	61.3	13.8	32	173
Svevo	--	--	--	62	61.3	14.7	30	174
<i>Patwin 515</i>	--	--	--	58	56.9	13.6	24	181
Soft Svevo	--	--	--	57	60.6	14.6	30	173
C.V. %	--	--	--	7	1.4	3.0	4	1
LSD (.10)	--	--	--	5	0.9	0.4	1	2
Average	--	--	--	68	59.2	14.0	35	178
Highest	--	--	--	79	61.6	15.3	47	186
Lowest	--	--	--	57	54.4	12.7	24	172

Plaza Hard Spring Wheat

1. Grain yield in the 2014 Plaza hard spring wheat trial averaged 68 bushels/acre. Plaza is a new location about two miles west of the Plaza interchange on Hwy. 195 and north of Rosalia, WA (Greg Ward, cooperator).
2. This nursery was seeded on 21 April, 2014 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill set on 6-inch spacing. Base fertilizer was 117#N/acre and a spring soil test showed 117#/acre of soil available N. Based on projected yield potential, 155#N/acre was applied to this trial to meet the protein goal. Seeding conditions and establishment were good.
3. Yields ranged from 57 bushels/acre to 79 bushels/acre. Yield values within the LSD range of the highest yield are shown in bold and 9 of the 42 entries are in this group. The hard white variety 'WB-Hartline' was the highest yielding entry in the trial. No fungicide was applied and only a slight amount of stripe rust was observed after anthesis.
4. Test weights averaged 59.2 lbs/bu but varied with a range from 54.4 to 61.6 lbs/bu. Grain protein averaged 14.0% with a range of 12.7 to 15.3%. The average plant height was 35 inches with no lodging.