

2015 WSU Variety Testing Hard Spring Wheat Trial, St. John

Variety Name <i>Hard White Italicized</i>	2015					2 Year	3 Year	5 Year
	YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES								
Glee	38	55.8	15.6	29	158	46	53	58
<i>LCS-Atomo</i>	34	53.8	15.1	21	158	44		
Jefferson	34	55.1	16.7	28	160	46	50	53
<i>BR7030</i>	33	52.2	16.3	31	161	46	52	55
Bullseye	33	57.6	16.4	24	160	37	46	52
<i>LCS-Star</i>	32	51.2	16.8	24	160	44	48	
WB9668	32	55.0	17.5	24	159			
<i>UI-Platinum</i>	32	54.9	14.7	25	157	38	43	
WB9518	31	53.9	16.1	25	160			
Alum (WA 8166)	30	53.9	16.4	29	162	44	49	
Hollis	30	53.1	18.0	32	161	41	47	51
Kelse	30	53.3	16.9	30	161	41	48	53
SY605 CL	29	57.4	16.5	30	157	35	40	
<i>Dayn</i>	29	54.1	15.7	30	159	40	46	54
SY Steelhead	28	56.1	17.2	30	158	40		
WB9229	27	53.3	17.2	24	162			
WB9879CLP	27	53.9	15.8	28	163	39	42	
LCS-Buck Pronto	27	52.2	17.7	26	160	37	45	52
Chet (WA 8165)	26	55.1	17.4	32	161	41	48	
Scarlet	26	50.9	17.2	28	161	41	46	54
EXPERIMENTAL LINES								
10SB0087-B	36	53.8	16.3	27	163	48		
WA 8241	36	56.9	15.6	33	158			
IDO862E	34	54.8	15.6	27	158	38	41	
Glee-0W	34	55.1	16.4	28	159	46	52	
Glee-G2	34	54.2	16.7	29	158	46	51	
WA 8242	31	53.8	16.3	29	159			
11SB0096	30	49.5	16.5	27	163	42	47	
12SB0131	29	52.2	16.1	27	162			
WA 8240	29	53.7	15.8	26	160			
12SB0146	28	52.0	15.7	25	161			
04PN3001-2	28	52.0	16.6	29	159			
WA 8220	28	56.1	16.4	28	161	39		
Soft Alzada (Durum)	28	56.2	15.1	26	159			
WA 8217	27	54.1	15.7	27	160	38		
04W40292R	27	47.9	18.0	27	162			
IDO1202S	25	54.7	16.2	30	162	41	48	
C.V. %	13	2	3	6	0	11	10	11
LSD (0.10)	4	1.3	0.6	2	1	3	3	2
Average	30	53.9	16.4	28	160	42	47	54
Highest	38	57.6	18.0	33	163	48	53	58
Lowest	25	47.9	14.7	21	157	35	40	51

St. John Hard Spring Wheat--Preliminary Data

- 1.** Grain yield in the 2015 St. John hard spring wheat trial averaged 30 bushels/acre, well below the 5-year average. The St. John nursery was located about four miles east of St. John, WA (M. Mills, Cooperator). All yield, test weight, and protein values within the 10% LSD range of the highest value are shown in bold.
- 2.** This nursery was seeded on April 16, 2015 following winter wheat. Seeding rate was 80#/acre and base fertilizer was 70#N and 10#S per acre. Soil tests showed 125#N, 19#P and 5#S. No additional fertilizer was applied.
- 3.** No fungicide was applied and stripe rust was not a factor.
- 4.** There was a fair amount of variation in the trial, and yields were well below normal. Given the below average yields, this trial may not accurately predict future performance, but it does seem to represent the year we've had.