

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

Variety Name <i>Club 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								
WB6341	28	54.2	13.0	24	159	44		
WB6121	26	54.3	14.0	24	159			
Babe	26	54.5	13.6	29	161	40	50	57
Melba (WA 8193)	25	53.5	15.4	24	164	44	53	
Seahawk (WA 8162)	25	55.1	15.2	26	163	40	51	
Diva	24	54.8	14.0	30	162	48	58	65
Whit	24	52.3	14.3	26	160	40	51	58
JD	23	56.4	15.1	28	163	42	50	58
WB-1035CL+	22	54.1	15.3	25	160	35	46	47
UI-Stone	20	53.9	13.8	27	160	38	48	
Louise	19	50.6	14.0	31	162	42	52	61
EXPERIMENTAL LINES								
WA 8214	29	53.5	13.6	26	160	44		
12-SW-068	28	50.9	14.6	26	160			
12-SW-079	24	50.8	15.6	24	164			
WA 8189	23	54.2	15.2	28	165	41	55	
12-SW-052	21	50.2	15.7	28	164			
WA 8239	21	53.3	15.1	26	164			
WA 8237	21	53.4	16.1	25	164			
WA 8236	20	55.3	15.3	26	162			
Louise-0W	20	51.2	14.3	32	163	41	51	
Louise-G2	20	52.6	14.4	27	163	42	53	62
WA 8238	19	55.6	15.3	30	161			
IDO851	18	55.9	13.3	27	161	37	47	
M12001	14	57.4	14.5	24	163			
C.V. %	14	3	3	7	0	10	8	9
LSD (0.10)	3	1.8	0.5	2	1	3	2	2
Average	23	53.7	14.6	27	162	41	51	58
Highest	29	57.4	16.1	32	165	48	58	65
Lowest	14	50.2	13.0	24	159	35	46	47

St. John Soft White Spring Wheat--Preliminary Data

1. Grain yield in the 2015 St. John hard spring wheat trial averaged 23 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 and test weight 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.