

2015 WSU Variety Testing SW Winter 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	LODGING (%)	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)
RELEASED VARIETIES									
Puma	109	55.9	12.3	45	147	0	109	114	128
ORCF-102	108	58.0	12.6	48	145	0	102		
WB-Junction	106	58.6	12.2	40	144	0	103	101	
Jasper (WA 8169)	103	53.1	13.5	42	148	0	108		
Legion	102	54.3	12.3	44	146	0	100	108	
<i>ARS-Chrystal</i>	101	58.3	12.0	43	148	0	107	111	125
<i>ARS-Crescent</i>	101	55.9	12.1	42	148	0	106	113	126
Skiles	100	56.1	12.6	41	145	0	99	111	125
LCS-Artdeco	100	55.7	11.4	36	144	0	93	103	121
Mary	99	57.3	12.3	36	145	0	101	103	113
SY 107	99	57.6	11.8	41	147	0	103		
<i>Coda</i>	99	57.3	13.2	44	147	10	102	104	114
WB 1604	99	60.3	11.6	38	144	0			
WB 456	99	59.5	12.8	40	144	0	95	103	
Rosalyn	98	55.2	11.5	37	148	0	92	109	
Bobtail	98	55.4	11.5	37	147	0	101	116	
WB-528	98	59.3	11.8	42	144	0	95	94	109
SY Ovation	97	56.3	13.0	34	146	0	96	102	
<i>Cara</i>	97	54.4	12.4	44	146	3	98	106	124
WB 523	97	58.6	11.5	41	145	0	91	95	
Masami	96	54.0	11.9	43	149	0	98	105	112
<i>Bruehl</i>	94	54.5	12.0	42	148	0	98	101	111
ARS-Selbu	93	56.8	13.5	42	147	0	98	110	129
Xerpha	92	55.1	13.2	41	150	0	101	97	102
Madsen	92	57.1	12.7	41	146	0	90	98	116
AP700 CL	90	55.8	12.1	39	144	0	92	107	
WB1529	90	59.7	12.4	36	145	0			
Eltan	90	57.9	11.7	41	148	17	96	93	104
WB-1070CL	88	61.3	12.4	35	144	0	85	90	
ORCF-103	86	56.4	12.4	38	149	0	93	98	106
MelaCL+ (WA 8155)	84	57.9	12.6	41	150	0			
UI-WSU Huffman (IDN-03-29902A)	84	55.9	11.9	38	149	0	93	105	
CuriosityCL+ (WA 8143)	83	55.1	12.9	43	148	0			
Otto	83	54.6	12.6	40	150	0	89		
Stephens	82	55.7	11.8	36	145	0	87	97	111
Kaseberg	82	55.0	11.9	34	145	0	93	97	116
EXPERIMENTAL LINES									
<i>ARS20060123-31C</i>	107	58.6	11.8	43	145	0			
WA 8234	107	58.4	11.6	40	145	0			
OR2090473	104	56.2	11.5	39	146	0	100		
<i>ARS010263-10-3C</i>	104	57.7	12.6	39	147	0			
WA 8206	103	59.9	11.9	41	145	0	99		
IDN-06-18102A	102	56.8	12.1	39	146	0			
OR2080641	101	56.5	12.0	40	145	0	94	113	

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<i>4J0713366C</i>	100	55.5	12.4	40	149	0			
IDN-01-10704A	98	55.8	11.2	41	145	0	100		
DAS 3	97	56.1	12.8	43	147	0			
IDN-02-29001A	96	58.0	13.3	33	146	0	100		
LWW12-7105	96	55.2	11.4	31	144	0	94		
IDO1108DH	96	60.6	12.1	43	146	0	101	107	
WA 8233	95	54.9	12.5	46	145	0			
LOR-978	94	56.3	12.9	38	145	0			
<i>ARS20060126-35C</i>	93	58.1	12.3	40	146	0			
IDO1005	92	58.1	12.2	40	146	0			
WA 8235	91	54.9	13.3	38	147	0			
WA 8232	90	59.0	11.8	40	148	0			
WA 8177	90	55.7	12.7	41	147	0	90		
WA 8187	87	56.9	12.9	37	148	0	87		
DAS 4	86	52.7	13.3	39	148	0			
WA 8212	82	56.3	13.3	34	147	0	83		
<i>ARS010669-2C</i>	79	56.9	12.0	38	144	0			
C.V. %	8	3	7	8	1	-	7	9	9
LSD (0.10)	8	1.6	0.9	3	1	5	5	6	5
Average	95	56.8	12.3	40	146	1	97	104	116
Highest	109	61.3	13.5	48	150	17	109	116	129
Lowest	79	52.7	11.2	31	144	0	83	90	102

St. John Soft White Winter Wheat—Preliminary Data

1. Grain yield in the 2015 St. John soft white winter trial averaged 95 bushels/acre, lower than the five-year average of 116 bushels/acre. 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 September 18, 2014 following chem-fallow at a rate of 95#/acre. There was a fair amount of soil variation and this was an 'average' trial.
3. No fungicides were applied and only a very low level of stripe rust was observed with no effect on yield.