

2015 WSU Variety Testing SW Winter Wheat Trial, Lamont

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									
WB-Junction	96	59.9	12.0	33	142	3	86	74	
ORCF-102	95	58.5	12.4	37	142	0	83		
<i>ARS-Crescent</i>	92	55.9	11.9	36	145	7	91	83	98
Xerpha	90	56.6	11.4	35	146	0	93	90	103
Jasper (WA 8169)	88	54.7	12.3	34	145	0	92	84	
ARS-Selbu	88	57.8	12.6	35	145	0	85	78	100
Puma	88	56.3	12.9	35	142	0	81	77	96
SY 107	87	57.6	12.4	32	144	0			
ARS-Amber	85	56.6	11.0	34	145	0	84	76	94
Masami	84	56.1	11.5	35	145	0	89	81	95
ORCF-103	81	57.4	11.7	33	144	0	78	75	87
SY Ovation	80	58.7	11.8	31	143	0			
<i>Cara</i>	80	53.8	14.1	33	143	2	74	69	96
<i>Coda</i>	80	57.8	12.7	39	145	7	79	78	96
Madsen	77	56.5	12.7	31	146	0	71	69	85
WB-1081CL+	76	61.0	12.3	33	142	0			
Otto	76	56.1	13.2	33	148	22	76	74	86
CuriosityCL+ (WA 8143)	75	58.1	11.8	35	146	28	76	76	85
<i>Bruehl</i>	74	55.0	12.5	34	147	0	75	75	91
WB1529	74	60.7	12.5	32	142	0			
Eltan	67	57.8	13.3	33	147	63	75	73	84
Stephens	65	56.4	13.0	29	142	0	63	60	80
MelaCL+ (WA 8155)	62	57.4	12.3	35	145	17	68	68	
EXPERIMENTAL LINES									
<i>ARS20060123-31C</i>	107	57.6	11.4	35	143	5			
<i>ARS06135-9C</i>	100	59.2	11.5	36	143	0			
<i>ARS040335-9C</i>	98	56.9	11.8	38	147	15			
LOR-092	97	56.2	11.8	35	145	0			
KXB-01	97	56.7	12.1	33	145	7			
<i>ARS010679-1C</i>	91	55.7	12.7	36	144	0	91		
WA 8226	90	56.7	12.5	37	145	0			
WA 8227	89	57.3	11.5	38	149	0			
LWW10-1073	85	56.7	12.4	37	145	0	85		
KXB-03	83	57.7	11.5	35	146	20			
IDN-01-10704A	83	55.8	11.5	35	144	0	80		
<i>4J0713366C</i>	81	56.6	12.2	34	144	0	81		
OR2080641	80	56.9	11.7	32	144	0	76		
IDO1108DH	79	61.6	11.4	37	144	0	80	74	
OR2090473	79	54.3	11.5	35	144	0	69		
KXB-02	79	54.1	11.7	34	146	0			
WA 8225	77	55.6	12.6	34	147	38			
WA 8202	77	59.3	12.5	35	144	0	81		
DAS 3	76	55.4	13.2	35	145	0			
Otto-0W	74	55.7	13.3	33	147	23			

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IDO1005	72	57.1	12.9	30	145	0			
DAS 4	72	54.0	13.4	33	145	0			
IDN-06-18102A	70	56.9	12.3	31	145	0			
IDN-02-29001A	64	57.1	12.9	32	145	0	72		
Otto-G2	55	55.9	13.4	34	149	42			
C.V. %	11	1	7	6	1	-	9	9	10
LSD (0.10)	9	0.8	0.9	2	1	18	5	4	4
Average	82	57.0	12.3	34	145	6	80	75	92
Highest	107	61.6	14.1	39	149	63	93	90	103
Lowest	55	53.8	11.0	29	142	0	63	60	80

Lamont Soft White Winter Wheat—Preliminary Data

1. Grain yield in the 2015 Lamont soft winter trial averaged 82 bushels/acre, 10 bushels/acre lower than the five-year average. The Lamont nursery was located about six miles southeast of Lamont, WA (G. White, Cooperator). All yield values within the 10% LSD range of the highest yield are shown in bold.
2. This nursery was seeded on September 4, 2014 following chem-fallow at a rate of 85#/acre. Base fertilizer was 70#N and 10#S. Spring soil test showed 248#N, 31#P and 7#S. No additional fertilizer was applied.
3. No stripe rust was observed at this location and no fungicide was applied.