

2014 WSU Variety Testing SW Winter Wheat Trial, Lamont

Variety Name <i>Club 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	SPRING STAND*
Xerpha	110	103	90	97	61.8	9.4	33	152	9
WA 8169			81	96	60.5	9.7	32	150	9
Masami	103	98	80	94	60.5	10.1	31	153	9
<i>ARS010679-1C</i>				90	60.0	9.8	33	151	9
<i>ARS-Crescent</i>	98	96	79	90	60.5	9.4	29	154	9
Eltan/Tubbs 06	96	91	77	87	61.1	10.0	34	151	9
Bobtail		110	86	87	58.9	9.4	26	150	8
LWW10-1073				85	60.5	10.5	34	151	9
WA 8202				84	61.8	11.0	31	151	8
Tubbs 06	102	98	79	84	60.5	9.7	32	149	8
Eltan	93	85	77	84	61.6	10.3	33	152	9
ARS-Amber	100	91	72	83	60.4	9.1	32	150	9
<i>ARS010262-1C</i>				82	61.7	10.8	29	153	7
WA 8200				82	62.1	9.9	30	154	8
IDO1108DH			71	81	59.9	10.8	31	153	9
<i>4J071366-1</i>				81	61.0	11.0	30	154	8
ARS-Selbu		97	72	81	62.5	10.5	30	152	8
IDN-02-29001A				80	62.2	10.7	31	150	9
CuriosityCL+ (WA 8143)		81	76	78	61.5	10.6	33	152	8
<i>4J071246-1C</i>			74	78	60.5	11.0	31	155	8
IDN-01-10704A				78	60.7	10.0	32	151	8
<i>Coda</i>	98	95	78	77	62.1	10.0	31	153	8
WB-Junction			64	76	62.4	11.1	30	149	8
WA 8199				76	60.6	10.5	30	153	8
<i>Bruehl</i>	97	93	75	76	60.7	10.4	33	153	9
Otto	93	85	73	76	61.0	10.7	32	155	9
Puma		90	72	74	61.4	11.2	32	151	8
MelaCL+ (WA 8155)		78	71	74	61.6	10.4	33	154	9
Skiles	102	91	72	74	60.4	11.2	27	151	8
ORCF-103	94	85	71	74	61.1	10.4	28	153	8
WA 8170			75	73	60.8	11.3	30	150	8
OR2080641				73	61.1	11.1	29	150	8
Kaseberg		89	68	72	61.1	10.0	28	150	7
ORCF-102				71	61.3	11.0	31	150	8
<i>ARS010780-3C</i>		88	67	69	61.4	11.2	27	154	8
<i>Cara</i>	102	87	63	68	60.2	11.0	27	155	7
ARS010729-1L			65	68	62.3	10.8	26	153	7
IDN-04-00405B				68	60.2	11.0	25	150	8
WA 8201				66	61.2	10.5	28	154	8
Madsen	91	85	65	65	61.2	11.8	29	152	9
LWW-04-4009		83	66	64	61.1	11.6	28	155	8
Trifecta			60	64	62.3	11.4	28	150	8
LWW12-7105				64	59.1	10.8	23	151	7
Stephens	83	84	57	62	60.5	10.7	26	149	8
IDN-02-08806A				61	61.8	11.5	24	151	8
OR2090473				59	58.9	11.4	24	152	6
Rosalyn (OR2071071)		85	60	49	58.6	10.9	25	155	5
LCS-Biancor				49	60.2	10.9	22	152	5

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	SPRING STAND*
C.V. %	11	9	9	7	0.4	4.9	6	1	8
LSD (.10)	5	5	5	6	0.3	0.5	2	1	1
Average	98	90	72	76	60.9	10.6	29	152	8
Highest	110	110	90	97	62.5	11.8	34	155	9
Lowest	83	78	57	49	58.6	9.1	22	149	5

Lamont Soft White Winter Wheat

1. Grain yield in the 2014 Lamont soft white winter wheat trial averaged 76 bushels/acre, lower than the five-year average of 97 bushels/acre. The Lamont nursery was located about six miles southeast of Lamont, WA (G. White, Cooperator).
2. This nursery was seeded on 9 September, 2013 following fallow. Seed was placed at an 85#/acre seeding rate using a double-disc plot drill with 6-inch row spacing. Base fertilizer was 70#N/acre applied pre-plant. Fall seeding and emergence were adequate. The crop emerged before fall dormancy and showed some winter damage. Ratings of spring stands are presented in the data table as an evaluation range from 0 (all appeared dead) to 9 (full survival).
3. Yields reported ranged from 49 to 97 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 3 of the 48 entries in this trial. The variety 'Xerpha', was the highest yielding named entry in the trial. Xerpha also had the highest yield over five years at this location. There was no stripe rust observed at this location and no fungicide was applied.
4. Test weights averaged 60.9 lbs/bu and ranged from 58.6 to 62.5 lbs/bu. Grain protein at 10.6% averaged lower than in 2013 with a range of 9.1 to 11.8%. Plant height averaged 29 inches and there was no lodging.