

2013 WSU Variety Testing SW Winter Wheat Trial, Farmington

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)
LCS-Artdeco (NSA06-2153A)		122	119	125	57.3	9.7	33	0
Bruneau				123	58.0	10.5	40	0
WA 8155			115	122	59.5	10.3	44	28
WA 8173				121	57.8	10.2	39	0
Mary	123	118	119	119	59.3	10.1	35	0
LWW10-1018				119	56.6	10.0	38	0
WA 8172				119	59.1	9.6	41	0
Puma (WA 8134)		122	118	119	58.8	10.1	35	0
99-06202A				119	58.8	10.2	38	0
WA 8175				118	58.3	10.5	39	0
02-10606A				118	58.7	9.6	37	0
<i>ARS98X402-1C</i>				118	59.4	9.8	41	0
WB-Junction				117	59.8	10.8	35	0
Xerpha	113	107	116	117	58.3	9.9	42	0
WA 8171				116	58.5	10.2	40	0
ARS-Amber		119	113	116	58.3	10.4	37	0
Eltan	115	115	113	116	59.9	10.2	39	3
AP 700 CL				116	59.3	11.0	38	0
SY Ovation				116	59.9	10.4	36	0
JC1108				116	58.0	10.5	40	0
<i>ARS97230-6C</i>				114	58.8	10.3	32	0
LWW-04-4009			115	113	59.2	10.1	39	0
WA 8154			115	113	59.7	10.5	38	0
WA 8153			113	113	58.0	10.2	40	0
Bobtail (OR0807P94)			113	113	56.8	10.1	34	0
ORCF-103	120	117	117	112	58.3	10.2	39	0
OR2071071 (Rosalyn)			115	112	54.6	10.7	34	0
Legion				112	57.7	10.1	38	0
Tubbs 06	110	108	120	111	57.0	9.7	38	0
03-29902A				111	58.9	9.7	40	0
<i>4J071246-1C</i>				111	58.1	10.4	42	3
Trifecta				111	59.8	10.7	35	0
WA 8151			113	111	57.5	10.1	37	0
ARS010729-1L				110	59.1	10.8	33	0
WB-528	115	111	105	110	59.9	10.8	35	0
WB 523				110	59.3	10.8	34	0
Kaseberg (OR2071628)		116	112	110	57.2	10.2	32	0
Madsen	117	118	111	109	58.0	11.0	35	0
WA 8176				109	57.9	10.0	37	0
<i>ARS-Chrystal</i>		111	110	108	58.3	10.7	40	0
<i>Bruehl</i>	121	117	110	107	57.1	9.8	44	3
<i>Coda</i>	114	115	106	107	61.3	10.6	38	0
<i>ARS010746-2C</i>				107	58.3	10.9	34	0
OR2080641				107	57.8	10.5	34	0
<i>ARS990077-1C</i>			110	106	59.1	10.6	37	0
Stephens	119	118	109	106	58.8	10.7	37	0
<i>ARS-Crescent</i>		116	110	105	57.6	10.4	36	0

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				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	LODGING (%)
WA 8142		117	108	105	60.0	11.3	35	0
Skiles	118	118	107	104	58.1	11.4	33	0
Ladd (OR2070870)			105	104	57.3	11.5	35	0
WA 8174				104	57.6	10.4	38	0
WB 456				104	60.4	11.9	31	0
<i>Cara</i>	122	119	103	104	57.2	10.4	35	0
ARS-Selbu (ARS970161-3L)		126	112	103	60.7	10.7	37	0
OR2080924				102	54.9	10.7	35	0
Masami	110	108	110	101	56.7	10.4	40	0
<i>ARS010780-3C</i>			104	99	58.4	11.2	37	0
WB-1070CL				98	61.4	12.7	35	0
AP Legacy				96	57.5	10.7	40	0
C.V. %	7	6	5	5	1.4	5.2	5	930
LSD (.10)	4	4	4	6	0.9	0.6	2	6
Average	119	117	112	111	58.4	10.5	37	1
Highest	133	136	120	125	61.4	12.7	44	28
Lowest	98	74	103	96	54.6	9.6	31	0

Farmington Soft White Winter Wheat - Preliminary Data

1. Grain yield in the 2013 Farmington soft white winter wheat trial averaged 111 bushels/acre, 8 bushels/acre less than the 5-year average for this location. The Farmington nursery was located about 3 miles south of the town of Farmington, WA (B. Nelson, Cooperator).
2. This nursery was seeded on 10 October, 2012 following lentils. Seed was placed at a 95#/acre seeding rate using a no-till plot drill equipped with Cross-Slot openers set on 10-inch spacing. Base fertilizer was pre-plant applied by the cooperator. Fall seeding conditions were dry, but establishment and winter survival were good.
3. Yields ranged from 96 to 125 bushels/acre. All yield values within the 10% LSD range of the highest yield are shown in bold and this included 9 of the 59 entries in this trial. 'LCS-Artdeco' was the highest yielding named entry in the trial and 'Mary' was highest yielding in the 5-year average at this site. It is probable that some plants at this site experienced damaging frost. There was a low amount of stripe rust potential at this location and fungicide was applied once with the herbicide application.
4. Test weights were mostly below average at 58.4 lbs./bu and ranged from 54.6 to 61.4 lbs./bu. Grain protein averaged 10.5% with a range of 9.6 to 12.7%. Plant height averaged 37 inches and there was a slight amount of lodging.