

2013 WSU Variety Testing Soft White Winter Wheat Trial Summary

Precipitation Zone 12-16"

Variety Name (Club Italicized)	Almira	Anatone	Creston	Dusty	Lamont	Average
	Yield (Bu/A)					
Bobtail (OR0807P94)	121	53	118	108	86	97
Xerpha	125	52	112	107	82	96
<i>Bruehl</i>	122	51	122	100	75	94
ARS010729-1L	127	60	113	101	61	92
WA 8169	125	55	108	107	66	92
JC1108	123	52	122	103	60	92
WA 8170	115	60	112	92	77	91
Eltan	120	59	114	93	70	91
WA 8151	118	57	118	93	70	91
WA 8152	124	55	111	90	72	91
03-29902A	118	55	112	91	76	91
<i>ARS-Crescent</i>	115	55	106	105	68	90
Kaseberg (OR2071628)	119	61	114	93	64	90
Mary	125	58	113	86	67	90
Eltan/Tubbs 06	126	61	107	86	68	90
Masami	119	55	117	91	65	89
Puma (WA 8134)	125	50	107	95	69	89
WA 8155	106	55	116	100	67	89
<i>Coda</i>	110	49	104	103	78	89
WA 8143	118	54	112	84	74	88
<i>4J071246-1C</i>	115	58	107	91	71	88
ORCF-103	116	56	110	90	68	88
<i>ARS010780-3C</i>	111	51	116	97	66	88
<i>ARS-Chrysal</i>	116	56	103	96	69	88
Otto	117	55	107	88	70	88
WA 8153	119	54	105	87	74	88
ARS-Amber	111	55	118	92	61	87
Tubbs 06	121	56	104	81	74	87
WA 8171	109	59	104	90	75	87
<i>ARS97230-6C</i>	102	52	99	101	82	87
ARS-Selbu (ARS970161-3L)	113	50	100	103	64	86
LWW10-1018	114	58	112	81	61	85
99-06202A	121	56	97	82	68	85
OR2080924	117	55	103	83	64	84
<i>Cara</i>	108	51	106	97	59	84
OR2071071 (Rosalyn)	114	54	92	87	70	83
Madsen	110	51	107	83	65	83
<i>ARS990077-1C</i>	109	56	98	91	61	83
Skiles	102	52	97	94	70	83
WB-Junction	120	57	108	73	51	82
<i>ARS98X402-1C</i>	102	48	104	93	60	81
LWW-04-4009	108	56	104	71	67	81
02-10606A	112	58	105	73	53	80
Trifecta	108	51	101	73	57	78
Stephens	110	51	100	71	53	77
<i>ARS010746-2C</i>	115	44	93	82	51	77
WB-528	111	51	87	68	53	74
C.V. %	7	9	7	8	10	8
LSD (0.10)	9	5	8	7	7	3
Average	116	55	107	90	67	87
Highest	127	61	122	108	86	97
Lowest	102	44	87	68	51	74

Almira	Anatone	Creston	Dusty	Lamont	Average
Test Wt (Lbs/Bu)					
59.0	59.6	59.0	57.5	53.6	57.7
61.1	62.1	60.2	59.6	55.9	59.8
59.2	60.6	57.9	58.7	55.4	58.4
63.6	62.7	62.5	60.8	57.4	61.4
60.5	60.4	59.4	58.6	53.1	58.4
60.5	59.2	58.8	59.2	54.9	58.5
61.7	61.5	60.1	59.1	55.8	59.6
61.1	61.1	59.5	60.6	56.9	59.8
60.4	60.7	59.7	59.4	56.0	59.2
62.0	62.5	60.6	60.0	57.1	60.4
61.5	61.4	59.7	59.2	55.9	59.6
60.4	60.9	59.2	59.7	54.6	59.0
60.3	61.2	59.5	58.6	54.3	58.8
61.8	62.2	60.4	58.9	54.9	59.6
60.4	61.4	59.2	59.1	55.5	59.1
59.7	60.6	58.7	58.6	55.2	58.6
62.0	61.9	60.0	60.0	56.4	60.1
60.9	61.7	60.3	61.1	57.6	60.3
62.7	62.7	61.7	61.5	58.5	61.4
60.2	61.9	60.3	60.9	57.2	60.1
59.5	60.6	59.0	58.6	55.3	58.6
60.7	61.4	60.1	59.9	55.5	59.5
61.8	61.8	60.1	60.3	56.0	60.0
61.6	62.2	60.7	60.1	56.0	60.1
60.8	61.7	59.5	60.1	56.1	59.6
60.9	62.3	59.9	60.3	56.2	59.9
61.6	61.0	60.2	59.0	54.3	59.2
59.8	61.2	58.5	57.9	54.6	58.4
61.3	61.1	59.9	59.1	55.8	59.4
61.5	62.2	60.6	60.3	56.6	60.2
62.9	62.9	61.7	60.8	57.2	61.1
58.4	60.2	58.0	57.8	54.0	57.7
61.0	61.5	59.7	60.2	56.1	59.7
59.4	60.2	57.8	55.9	52.1	57.1
60.6	59.8	58.9	58.9	55.1	58.7
58.5	58.5	57.3	56.4	54.0	56.9
61.3	61.9	59.3	59.1	55.4	59.4
61.9	61.3	59.8	59.5	57.0	59.9
61.2	62.4	60.2	59.7	55.2	59.7
63.2	62.5	60.9	60.2	55.4	60.4
62.2	61.4	60.9	59.6	56.5	60.1
62.1	62.1	61.0	59.7	57.1	60.4
60.2	61.7	59.5	59.2	55.2	59.2
62.6	62.8	61.0	60.5	56.5	60.7
61.3	61.7	60.3	58.1	54.5	59.2
60.1	61.2	58.4	59.1	56.5	59.0
62.0	62.6	60.7	60.4	57.2	60.6
1.2	0.7	1.0	0.7	0.9	0.9
0.8	0.5	0.6	0.4	0.5	0.3
61.0	61.4	59.8	59.3	55.7	59.5
63.6	62.9	62.5	61.5	58.5	61.4
58.4	58.5	57.3	55.9	52.1	56.9

Almira	Anatone	Creston	Dusty	Lamont	Average
Protein (%)					
10.3	9.3	11.2	10.9	10.1	10.4
10.5	9.6	10.3	11.6	11.6	10.7
10.2	9.3	10.6	11.8	11.8	10.8
9.3	9.0	9.1	11.4	12.1	10.2
10.2	9.5	9.3	11.8	13.3	10.8
9.4	9.4	8.7	10.5	12.3	10.1
9.2	9.0	9.8	12.4	12.6	10.6
8.9	9.1	8.4	11.1	11.5	9.8
9.6	9.3	9.3	11.5	10.1	10.0
11.0	9.4	9.7	12.1	11.6	10.8
10.6	9.4	10.1	11.8	11.5	10.7
9.6	8.5	9.8	10.5	11.5	10.0
9.3	9.0	9.8	11.6	10.1	10.0
10.1	9.0	10.6	12.3	12.5	10.9
10.4	8.8	9.6	11.3	12.1	10.4
10.4	8.7	9.5	10.7	12.0	10.2
10.5	9.1	10.7	11.6	12.5	10.9
9.6	9.4	9.0	11.3	11.7	10.2
11.6	10.7	11.4	11.9	12.4	11.6
10.8	9.2	10.6	11.0	11.8	10.7
10.2	9.2	10.0	11.1	12.2	10.6
10.7	9.3	10.7	11.4	12.5	10.9
11.3	9.0	11.1	11.8	13.3	11.3
10.0	9.2	9.3	12.2	11.9	10.5
9.8	9.0	8.8	11.8	13.0	10.5
11.4	9.7	10.8	11.8	13.2	11.4
10.0	9.5	10.0	12.1	12.9	10.9
10.6	9.4	11.3	11.7	12.0	11.0
10.3	8.7	8.6	11.4	12.1	10.2
10.2	9.3	10.2	11.5	11.1	10.5
10.4	9.1	9.3	11.6	13.5	10.8
10.4	8.6	10.2	12.0	13.1	10.8
9.9	9.4	9.0	11.9	12.7	10.6
10.4	9.0	9.1	12.1	12.3	10.6
10.7	9.7	10.2	11.9	10.9	10.7
10.3	9.3	9.4	11.5	11.6	10.4
11.3	10.0	11.3	12.2	13.1	11.6
9.4	8.8	8.9	10.7	12.4	10.1
10.9	9.9	10.5	12.0	12.8	11.2
9.9	9.4	9.5	13.5	13.1	11.1
9.7	9.6	9.6	11.5	12.5	10.6
11.0	9.0	9.7	11.2	11.6	10.5
9.6	8.6	9.2	12.0	13.1	10.5
11.4	10.1	11.4	13.6	12.0	11.7
11.5	10.5	11.0	12.8	12.3	11.6
11.3	10.2	12.2	12.8	13.0	11.9
11.6	10.0	10.5	12.3	13.5	11.6
7.5	8.5	11.7	5.5	6.4	7.9
0.8	0.8	1.2	0.7	0.8	0.4
10.3	9.3	10.0	11.7	12.2	10.7
11.6	10.7	12.2	13.6	13.5	11.9
8.9	8.5	8.4	10.5	10.1	9.8

2013 WSU Soft White Winter Wheat Trial Summary Precipitation Zone 12-16" – Preliminary Data

1. Soft white winter wheat grain yield across five locations and 47 entries in the 12-16" precipitation zone averaged 87 bushels/acre, 13 bushels/acre less than the 2012 average of 100 bushels/acre and 22 bushels/acre lower than the 2010 average of 109 bushels/acre. The CV for the average data was 8 and equal to the 2012 CV value. In general the 2013 trials had no stripe rust impact, but some differential late spring frost injury. Plant establishment was not uniform at Anatone and Lamont.
2. Yields among entries averaged across locations ranged from 74 to 97 bushels/acre and reflected a mostly average growing season. 'Bobtail', 'Xerpha', and 'Bruehl' were the highest yielding named varieties averaged across locations and are within a 10% LSD range (3 bushels/acre) of each other.
3. Test weight averaged 59.5 lbs./bu across locations and entries and was lower than last year's 60.4 lbs./bu average. Grain protein averaged 10.7% and was lower than last year's 11.0% average.