

2013 WSU Variety Testing Soft White Winter Wheat Trial Summary

Precipitation Zone <12"

Variety Name (Club Italicized)	Connell	Horse Heaven	Harrington	Lind	Ritzville	St. Andrews	Average
Bobtail (OR0807P94)	38	43	91	52	60	60	57
Otto	39	42	84	49	61	63	56
Xerpha	34	43	82	54	64	62	56
JC1108	33	42	90	47	54	69	56
Masami	39	43	87	45	58	62	56
WA 8143	38	39	93	44	56	63	55
WA 8169	41	42	88	42	53	64	55
ARS-Selbu (ARS970161)	35	37	91	47	55	63	54
<i>4J071246-1C</i>	37	40	90	48	53	59	54
Eltan	34	39	83	43	57	71	54
Tubbs 06	36	43	80	48	49	67	54
<i>Coda</i>	36	42	83	47	48	68	54
WA 8151	39	38	83	43	53	67	54
ARS010729-1L	46	40	83	45	53	52	53
WA 8170	33	45	82	45	50	65	53
Eltan/Tubbs 06	34	42	80	46	52	65	53
WA 8152	41	41	82	39	51	63	53
<i>ARS010780-3C</i>	39	42	84	40	57	53	52
WA 8155	33	42	80	41	57	62	52
<i>ARS-Crescent</i>	34	41	94	48	49	47	52
<i>Bruehl</i>	24	39	90	43	51	65	52
<i>ARS97230-6C</i>	34	43	84	45	48	55	51
OR2071071 (Rosalyn)	39	41	81	44	52	--- ¹	51 ²
<i>ARS98X402-1C</i>	33	40	89	42	53	50	51
WA 8171	40	41	80	46	46	53	51
LWW10-1018	31	37	85	42	49	61	51
<i>ARS990077-1C</i>	35	38	77	48	51	54	51
Skiles	27	39	82	44	46	60	50
Kaseberg (OR2071628)	34	42	78	44	53	45	49
ORCF-103	30	40	75	44	50	56	49
Puma (WA 8134)	41	43	77	41	53	41	49
<i>ARS-Chrysal</i>	29	40	85	43	50	46	49
LWW-04-4009	31	34	80	38	44	62	48
Mary	25	37	84	46	46	51	48
ARS-Amber	32	42	77	39	50	48	48
WA 8153	35	37	82	41	49	43	48
Madsen	32	38	71	44	44	52	47
OR2080924	35	38	85	46	46	29	47
WB-Junction	33	36	75	41	44	52	47
03-29902A	36	37	77	41	50	37	46
99-06202A	26	35	81	40	40	52	46
WB-528	28	35	78	42	48	41	45
<i>ARS010746-2C</i>	34	40	77	41	53	25	45
<i>Cara</i>	28	38	75	43	49	32	44
Stephens	27	39	77	43	41	37	44
02-10606A	27	39	72	42	44	33	43
Trifecta	31	34	71	42	46	32	43
C.V. %	12	8	8	10	7	13	10
LSD (0.10)	4	4	7	5	4	7	2
Average	34	40	82	44	51	52	50
Highest	46	45	94	54	64	71	57
Lowest	24	34	71	38	40	25	43

Connell	Horse Heaven	Harrington	Lind	Ritzville	St. Andrews	Average
56.6	56.8	58.3	57.9	57.6	57.7	57.5
59.8	60.5	60.3	60.8	61.1	59.3	60.3
58.6	59.9	60.9	60.7	61.7	59.7	60.2
57.9	58.6	59.6	60.2	59.6	59.2	59.2
59.4	59.9	61.5	60.7	60.2	59.5	60.2
60.3	60.9	61.0	61.7	61.4	60.9	61.0
57.1	58.8	60.5	59.0	58.8	59.2	58.9
59.6	60.2	62.7	61.7	62.4	61.6	61.4
59.4	57.8	59.0	59.9	60.9	57.6	59.1
60.3	60.1	61.3	61.0	61.6	60.4	60.8
59.5	60.1	60.9	58.8	59.3	59.0	59.6
59.6	60.9	61.6	60.4	62.0	63.4	61.3
59.5	60.3	61.8	61.2	60.2	59.3	60.4
60.3	61.5	63.1	62.2	61.7	60.6	61.6
59.0	60.4	61.3	60.1	60.0	60.5	60.2
59.0	60.0	60.4	60.3	60.6	59.4	59.9
60.8	61.0	61.0	62.1	60.8	60.5	61.0
58.6	60.1	60.9	59.8	61.4	60.4	60.2
59.8	61.2	62.2	61.9	61.3	60.7	61.2
59.0	59.5	62.0	60.6	60.4	56.4	59.6
59.5	58.7	59.0	60.5	60.4	60.0	59.7
59.4	60.5	61.0	60.8	61.6	61.5	60.8
56.2	57.0	58.3	57.8	57.7	--- ¹	57.4 ²
58.9	59.4	60.6	60.0	60.9	58.9	59.8
59.0	60.1	61.3	59.9	59.9	58.8	59.9
56.2	58.8	59.4	59.4	58.8	55.9	58.1
60.8	59.3	60.7	60.8	61.4	60.0	60.5
58.1	61.0	60.3	59.8	60.9	59.2	59.9
59.7	59.7	60.2	61.5	60.1	59.4	60.1
59.7	59.9	60.2	61.0	60.7	58.7	60.0
60.2	60.3	60.7	61.4	60.9	59.9	60.6
57.1	59.6	61.2	60.3	61.0	56.2	59.3
59.6	59.7	61.8	61.4	61.5	59.8	60.6
58.1	60.6	61.1	58.8	60.2	59.1	59.7
58.6	59.6	60.1	60.3	60.2	59.1	59.6
60.4	61.3	61.6	61.3	61.3	57.5	60.6
59.3	60.5	61.4	59.8	59.9	60.3	60.2
55.7	57.5	58.1	58.5	57.9	52.4	56.7
61.5	62.4	61.8	61.6	61.3	62.3	61.8
59.1	60.0	61.1	60.4	59.0	58.6	59.7
59.0	60.2	61.2	61.1	60.2	60.4	60.4
60.4	61.1	61.4	61.2	61.0	60.3	60.9
57.7	60.0	59.7	59.3	60.3	57.2	59.0
58.0	58.4	59.7	58.5	58.7	52.6	57.6
60.1	59.4	59.5	58.6	59.4	58.4	59.2
58.3	60.1	60.7	60.0	59.7	53.9	58.8
60.8	61.5	60.9	61.1	61.6	59.2	60.9
0.9	1.1	1.5	1.3	0.6	1.6	1.2
0.5	0.7	1.0	0.8	0.4	1.0	0.3
59.0	59.8	60.7	60.3	60.3	58.6	59.9
61.5	62.4	63.1	62.2	62.4	63.4	61.8
55.7	56.8	58.0	57.8	56.9	52.4	56.2

Connell	Horse Heaven	Harrington	Lind	Ritzville	St. Andrews	Average
12.8	7.8	10.0	10.7	9.3	11.6	10.4
14.0	8.7	11.2	11.7	10.1	11.8	11.3
14.1	8.3	9.5	11.6	8.8	12.1	10.7
12.5	7.4	10.5	11.5	8.8	11.7	10.4
12.8	8.0	9.6	11.1	8.6	11.3	10.2
12.8	8.3	10.6	11.1	9.5	10.8	10.5
13.8	8.9	11.0	11.8	9.7	11.8	11.2
14.0	7.9	10.8	12.0	9.3	11.8	11.0
13.5	8.4	9.2	11.1	9.4	12.4	10.7
13.4	8.3	9.8	11.4	8.7	11.3	10.5
13.5	8.1	10.0	11.6	10.9	11.7	11.0
14.8	8.3	11.5	12.2	11.1	12.8	11.8
13.5	8.8	11.3	11.3	10.7	12.0	11.2
13.0	8.2	10.6	10.9	9.7	12.2	10.8
13.9	8.6	11.0	11.7	10.2	12.6	11.4
14.0	8.3	9.9	11.5	9.3	12.0	10.8
14.0	8.3	11.2	12.4	9.6	12.2	11.3
14.0	7.9	11.1	12.1	10.4	11.3	11.1
13.5	8.5	9.8	11.2	9.7	10.5	10.5
12.9	8.3	9.5	11.8	10.2	12.3	10.8
15.3	9.3	10.7	11.5	10.3	12.0	11.5
13.8	7.9	9.9	10.9	9.2	11.5	10.5
12.5	8.5	10.3	10.5	9.3	--- ¹	10.2 ²
13.7	8.6	10.3	10.9	9.9	11.9	10.9
13.0	8.3	10.8	11.5	9.5	11.7	10.8
13.7	9.1	10.3	11.5	9.3	12.1	11.0
13.1	8.4	10.7	11.4	10.8	12.0	11.1
15.6	9.5	12.0	12.7	9.9	13.1	12.1
13.7	7.8	10.4	10.9	9.2	11.9	10.7
14.6	9.5	10.2	11.3	8.8	11.6	11.0
13.0	9.3	11.5	11.9	10.4	12.5	11.4
15.7	8.2	11.0	11.6	10.2	13.5	11.7
13.0	8.7	10.4	12.2	10.7	12.1	11.2
15.8	7.9	11.1	11.9	9.2	13.8	11.6
13.0	8.7	10.7	12.1	10.3	12.3	11.2
13.5	9.0	10.6	12.8	8.9	14.3	11.5
14.8	8.8	11.2	12.1	11.3	13.2	11.9
13.6	8.9	11.6	11.8	9.2	13.7	11.5
14.4	9.4	11.3	11.8	10.2	12.2	11.5
13.6	8.6	10.8	11.0	10.3	13.9	11.4
14.1	9.6	10.0	10.8	10.8	11.0	11.1
13.9	10.0	11.6	12.4	11.2	13.3	12.1
13.0	9.4	11.2	11.6	10.7	14.3	11.7
15.3	9.0	10.5	11.9	10.4	13.7	11.8
15.1	8.7	10.9	11.5	11.0	13.0	11.7
14.3	8.7	12.0	11.9	10.3	14.2	11.9
14.5	9.6	11.4	12.2	11.2	13.4	12.1
6.6	8.6	7.0	3.3	8.8	5.9	6.7
1.0	0.8	0.8	0.4	0.9	0.8	0.3
13.8	8.6	10.7	11.6	9.9	12.4	11.2
15.8	10.0	12.0	12.8	11.3	14.3	12.1
11.8	7.4	9.2	10.3	8.6	10.5	10.2

¹ - Variety Lost, No Data

² - 5 Locations, Excludes St. Andrews Data

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

1. Soft white winter wheat grain yield across six locations and 48 entries in the <12" precipitation zone averaged 50 bushels/acre, 7 bushels/acre lower than the 2012 average of 57 bushels/acre and equal to the 2010 average. The CV for the average data was 10 similar to the 2012 CV value. In general the 2012 trials had good fall establishment, but snow mold reduced stands differentially for trial entries at St. Andrews.
2. Yields among entries averaged across locations ranged from 43 to 57 bushels/acre and reflected a mostly average growing season. 'Bobtail', 'Otto', 'Xerpha' and 'Masami' were the highest yielding named varieties averaged across locations and were the named varieties in the top 10% LSD range (2 bushels/acre) of the highest yield and are shown in bold. Stripe rust was not a factor in these trials.
3. Test weight averaged 59.9 lbs./bu across locations and entries and was similar to last year's 59.7 lbs./bu average. Grain protein averaged 11.2%, also similar to last year's 11.1% value.