

## 2014 WSU Variety Testing Soft Winter Wheat Trial, WSU-Mount Vernon

Variety	Mkt class	Yield	Test Wt.	Protein	Heading date	Plant Ht (in)	Lodging (%)
Rosalyn	SWW	<b>175.5</b>	52.4	8.0	19-May	38	0
Bobtail	SWW	<b>161.7</b>	54.3	7.9	19-May	38	0
LCS-Biancor	SWW	<b>160.6</b>	<b>56.7</b>	7.9	13-May	36	0
LWW12-7105	SWW	<b>152.3</b>	55.6	7.8	11-May	35	0
AP700 CL	SWW	<b>149.0</b>	<b>56.1</b>	8.3	19-May	42	0
IDN-02-29001A	SWW	<b>148.7</b>	<b>56.4</b>	8.1	18-May	43	0
Skiles	SWW	<b>146.8</b>	<b>57.3</b>	8.9	18-May	40	13
JC1108	SWW	141.7	54.9	8.6	22-May	47	0
WA 8187	SWWI	140.8	<b>56.4</b>	8.6	19-May	40	0
WA 8173	SWW	140.5	<b>56.5</b>	8.6	22-May	46	0
WA 8176	SWW	140.2	<b>57.2</b>	8.0	27-May	50	0
ARS-Crescent	WC	138.7	55.4	8.2	29-May	44	7
WA 8169	SWW	138.1	<b>55.9</b>	8.2	21-May	44	0
IDN-01-10704A	SWW	138.1	54.8	8.0	19-May	44	0
OR2090473	SWW	136.8	53.1	7.6	19-May	40	0
WA 8212	SWW	135.2	<b>55.8</b>	9.4	19-May	40	3
OR2080641	SWW	133.0	55.2	8.0	19-May	43	0
LWW-04-4009	SWW	132.8	<b>55.9</b>	8.6	27-May	37	55
WA 8203	SWW	132.1	54.7	7.5	26-May	46	0
WA 8177	SWWI	131.6	55.3	10.1	19-May	39	0
Cara	WC	129.0	55.2	8.9	22-May	42	20
ARS010729-1L	SWW	128.7	<b>56.4</b>	9.2	20-May	43	45
Ladd	SWW	128.4	55.2	9.2	20-May	39	0
Kaseberg	SWW	127.3	53.5	8.2	17-May	41	0
Legion	SWW	126.5	55.1	9.5	19-May	41	33
WA 8188	SWWI	126.1	<b>56.2</b>	8.7	19-May	43	0
WB-1070CL	SWWI	126.0	<b>58.4</b>	8.7	16-May	37	0
Bruneau	SWW	122.7	<b>55.8</b>	8.2	19-May	41	25
Puma	SWW	122.6	53.1	9.3	21-May	49	33
ARS-Amber	SWW	122.4	55.3	8.1	21-May	46	13

Variety	Mkt class	Yield	Test Wt.	Protein	Heading date	Plant Ht (in)	Lodging (%)
ARS-Selbu	SWW	121.9	<b>58.7</b>	7.9	21-May	41	0
IDN-03-29902A	SWW	121.6	<b>56.0</b>	8.0	21-May	43	0
Madsen	SWW	121.5	<b>56.3</b>	8.9	22-May	44	0
Trifecta	SWW	119.3	<b>56.1</b>	8.2	17-May	42	0
WA 8206	SWW	118.6	<b>57.0</b>	8.3	19-May	44	3
LCS-Artdeco	SWW	117.9	52.2	8.0	11-May	35	0
WB 523	SWW	117.9	<b>57.5</b>	8.1	19-May	42	0
Otto	SWW	115.7	55.2	7.8	30-May	48	63
WA 8204	SWW	115.6	<b>56.1</b>	8.4	21-May	46	17
WA 8205	SWW	115.1	<b>56.6</b>	8.3	27-May	39	0
Masami	SWW	113.6	55.0	8.4	21-May	41	45
SY Ovation	SWW	112.0	55.4	8.2	19-May	42	43
IDN-02-08806A	SWW	111.5	54.1	8.3	20-May	37	0
ARS010780-3C	WC	109.8	55.3	8.1	28-May	42	17
IDN-04-00405B	SWW	109.5	51.3	9.2	19-May	39	0
Bruehl	WC	109.4	52.1	7.8	28-May	45	13
Stephens	SWW	108.4	53.9	9.0	18-May	42	33
Coda	WC	107.9	<b>56.3</b>	9.2	21-May	46	48
WB 456	SWW	106.7	<b>57.1</b>	9.2	17-May	39	25
WB-528	SWW	95.3	55.7	8.6	19-May	40	7
Mary	SWW	94.3	53.0	8.5	17-May	43	0
ARS-Chrystal	WC	90.7	52.6	8.7	22-May	50	23
ORCF-102	SWWI	90.0	52.7	9.1	21-May	41	0
WB-Junction	SWW	89.3	52.9	8.2	17-May	40	32
SY 107	SWW	74.1	52.6	9.4	21-May	39	98
Tubbs 06	SWW	73.0	51.6	9.2	20-May	43	0
Xerpha	SWW	64.3	51.0	10.0	21-May	38	96
ARS010262-1C	WC	59.2	55.7	9.7	20-May	45	30
ORCF-103	SWWI	58.0	51.8	9.5	27-May	40	99
Eltan	SWW	51.5	48.9	10.6	28-May	39	96

Variety		Yield	Test Wt.	Protein	
Average		120.2	54.9	8.6	
CV		16.0	3.3		
LSD		30.8	3.0		
Max		175.5	58.7	10.6	
Min		51.5	48.9	7.5	

### **Mount Vernon Soft Winter Wheat**

1. Grain yield in the WSU-Mount Vernon soft winter wheat trial averaged 120.2 bushels/acre.
2. This nursery was seeded on 5 October, 2013 following summer fallow. Seed was placed at a 100#/acre seeding rate using a double disc drill on 6-inch spacing. No fertilizer was applied in the fall. Diuron herbicide was applied pre-emergence at 1 lb/ac. A total of 141 #N/ac was applied over the course of the growing season based on soil nutrient tests. Herbicides were applied to control weeds, but no fungicides were applied for stripe rust control.
3. Yields ranged from 51.5 to 175.5 bushels/acre, test weights 48.9 to 58.7 lbs/bu and proteins from 9.3 to 13.9 %. Yield and test weight values within the 10% LSD range of the highest are shown in bold.
4. Heading date is when 50% of the heads are 50% emerged.
5. Final lodging scores were taken on 29 July following a two day rain event of nearly 1.5 inches the previous week.