

**WSU Bread Lab Plant Breeding Program**  
**2017 Organic Soft Winter Wheat Trial, Mount Vernon**

Variety Name	Mkt Class	Yield (Bu/a)	Test Wt. (Lbs/bu)	Protein (%)	Plant Ht (in)	Head Date	Lodging (%)	Stripe Rust
<b>RELEASED VARIETIES</b>								
<b>Bobtail</b>	SWW	<b>139.9</b>	57.6	<b>9.0</b>	37	26-May	0	R
<b>Cara</b>	WC	<b>123.0</b>	57.1	<b>9.5</b>	44	27-May	0	R
<b>Skiles</b>	SWW	<b>121.2</b>	60.2	<b>9.5</b>	39	26-May	0	R
<b>ArtDecco</b>	SWW	<b>118.3</b>	57.7	8.1	34	22-May	0	MR
<b>Rosalyn</b>	SWW	<b>116.1</b>	58.1	8.6	36	26-May	0	R
<b>Jasper</b>	SWW	<b>110.2</b>	60.8	<b>8.9</b>	42	27-May	0	R
<b>Ovation</b>	SWW	100.1	58.9	8.6	38	26-May	0	MR
<b>EXPERIMENTAL LINES</b>								
<b>LWW14-73163</b>	SWW	<b>132.2</b>	<b>61.6</b>	<b>8.7</b>	37	26-May	0	MR
<b>LOR-092</b>	SWW	128.9	<b>60.6</b>	<b>9.3</b>	44	26-May	0	R
<b>LOR-334</b>	SWW	114.3	59.1	<b>9.2</b>	36	22-May	0	R
<b>C.V.%</b>		14.7	0.9	5.6				
<b>LSD (0.05)</b>		30.2	0.9	0.9				
<b>Average</b>		120.4	59.2	8.9				
<b>Max.</b>		139.9	61.6	9.5				
<b>Min.</b>		100.1	57.6	8.1				

**Agronomic Information**

Planting Date:	10/10/2016
Harvest Date:	8/2/2017
Seeding Rate (seeds/ft <sup>2</sup> ):	32
Previous Crop:	3 yrs organic alfalfa
<b>03/23/2017 Soil Test (1-ft sample):</b>	
N (lb/ac)	74
P (ppm)	64
S (ppm)	6
pH	7.0
Organic Matter (%)	3.0

Trial Notes:

1. The Mount Vernon nursery was located on the WSU-Mount Vernon NWREC Certified Organic research field.
2. Date and fertilizer applied: 10/05/2016 75# N, 19# P, 37# K (Nutri-rich Organic 8-2-4).
3. All yield, test weight, and protein values within the 5% LSD range of the highest value are shown in bold.

Heading date is when 50% of the heads are 50% emerged.

SWW = Soft White Winter, WC = Winter Club

R = resistant, MR = moderately resistant, MS = moderately susceptible, S = susceptible

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Commercial products or trade names do not imply an endorsement by Washington State University.

For additional variety testing results visit:

<http://thebreadlab.wsu.edu/western-washington-variety-trials/>.