

## Summary of 2016 Dryland Winter Wheat Variety Performance Results

Variety <sup>b</sup>	2016 Individual Trial Yield <sup>a</sup>								2016 Multi-Location Average				
	Arapahoe	Julesburg	Lamar	Sheridan				Yield	Yield	Stripe Rust	Test		
				Orchard	Roggen	Lake	Walsh				Yuma	Weight	Height
	bu/ac								bu/ac	% of avg	score (1-9) <sup>c</sup>	lb/bu	in
Antero	98.3	95.0	68.7	<b>51.4</b>	105.5	<b>115.5</b>	62.0	93.3	86.2	110%	2	57.2	34
CO11D1539	91.3	<b>96.2</b>	64.8	49.0	<b>111.1</b>	111.1	<b>66.4</b>	94.7	85.6	109%	3	56.3	36
Langin	<b>110.2</b>	84.2	<b>72.7</b>	45.3	101.2	<b>115.1</b>	<b>64.6</b>	90.0	85.4	109%	2	59.0	32
CO12D2011	95.2	89.0	62.6	47.3	<b>106.3</b>	108.6	62.1	94.1	83.2	106%	3	60.1	34
CO12D2010	93.8	91.1	66.2	46.2	103.0	108.9	57.5	94.3	82.6	105%	3	56.2	33
Hatcher	97.9	91.4	<b>71.3</b>	<b>50.7</b>	103.0	100.9	57.3	88.2	82.6	105%	5	57.7	33
Avery	93.0	95.7	66.7	47.7	<b>109.6</b>	<b>113.9</b>	58.7	73.8	82.4	105%	7	58.6	35
CO11D1312	92.2	<b>98.6</b>	64.9	<b>51.0</b>	<b>107.0</b>	108.0	62.6	74.1	82.3	105%	8	58.3	34
LCH13NEDH-14-69	89.9	91.8	56.5	44.2	<b>111.8</b>	<b>114.0</b>	57.6	90.5	82.0	104%	2	59.0	32
Joe	95.4	92.1	54.6	45.0	<b>110.7</b>	106.7	62.2	87.3	81.7	104%	1	58.7	34
Sunshine	85.3	95.5	57.2	<b>49.9</b>	<b>110.1</b>	102.2	60.7	91.8	81.6	104%	7	56.4	34
WB-Grainfield	92.9	93.1	61.0	<b>50.5</b>	96.4	105.1	60.5	92.1	81.5	104%	3	59.4	34
CO11D1767	96.0	91.4	63.3	<b>49.8</b>	94.6	110.7	58.0	85.8	81.2	103%	1	57.0	33
CO11D1397	94.4	89.3	67.1	48.5	104.4	<b>111.8</b>	60.0	71.5	80.9	103%	7	57.8	31
CO11D1236	102.3	90.4	58.8	47.9	101.1	105.5	64.0	76.2	80.8	103%	6	58.3	35
TAM 114	96.4	<b>100.6</b>	56.3	<b>51.1</b>	96.0	100.2	54.3	90.5	80.7	103%	2	60.6	34
CO12D922	70.0	<b>96.3</b>	61.2	<b>49.5</b>	102.2	108.5	<b>66.1</b>	91.2	80.6	103%	7	58.6	35
LCS Mint	96.4	91.8	54.6	47.3	105.3	110.2	54.0	84.7	80.5	103%	4	59.4	34
Byrd	94.2	86.8	67.9	46.0	100.6	110.3	60.4	73.6	80.0	102%	6	59.3	34
CO11D421	89.9	84.6	<b>70.4</b>	46.9	102.5	108.3	59.6	77.2	79.9	102%	4	57.6	33
Cowboy	94.1	83.0	62.0	<b>52.6</b>	<b>111.3</b>	110.7	50.0	75.1	79.8	102%	8	56.8	32
CO11D1306W	91.9	91.2	65.9	43.6	101.8	109.3	60.9	73.7	79.8	102%	7	59.6	34
Denali	87.9	<b>98.5</b>	59.6	<b>50.7</b>	101.9	102.4	56.6	76.5	79.3	101%	8	59.5	36
Oakley CL	81.9	92.6	57.2	45.6	99.9	104.8	53.2	94.9	78.8	100%	1	58.4	32
CO12D1028	84.0	92.8	66.5	48.2	<b>108.9</b>	95.5	59.4	72.4	78.5	100%	7	55.4	34
CO12D906	84.2	87.5	60.0	46.9	104.8	104.1	57.2	82.7	78.4	100%	5	58.7	33
Winterhawk	80.9	89.5	57.0	45.6	<b>107.2</b>	97.8	61.7	87.6	78.4	100%	4	59.6	35
WB4721	87.4	86.3	60.7	45.3	88.4	100.8	54.0	<b>102.4</b>	78.2	100%	2	60.4	33
SY Monument	95.5	89.1	57.9	<b>51.9</b>	93.1	99.9	51.9	85.5	78.1	99%	2	58.2	33
SY Sunrise	89.7	93.6	57.1	48.1	92.9	93.4	55.0	88.8	77.3	98%	2	59.6	31
Settler CL	84.8	87.2	61.2	49.4	98.4	99.5	53.1	81.3	76.8	98%	8	57.7	33
Ruth	90.0	93.4	48.6	<b>49.8</b>	90.1	102.9	50.8	88.8	76.8	98%	3	60.3	35
KanMark	86.7	92.2	54.3	42.3	97.5	106.9	54.0	78.2	76.5	97%	4	58.4	31
Brawl CL Plus	91.1	86.2	58.7	48.2	91.0	97.0	56.5	83.2	76.5	97%	4	58.0	34
Ripper	91.5	94.4	67.7	45.1	95.6	99.8	51.6	62.7	76.0	97%	8	57.1	34
LCS Chrome	83.2	83.3	59.3	39.2	97.2	99.0	55.4	87.8	75.6	96%	2	59.1	33
Snowmass	89.0	87.7	55.4	44.3	102.0	101.0	57.2	66.8	75.4	96%	8	58.8	34
SY Wolf	78.7	92.8	51.8	48.8	93.4	96.1	51.3	86.0	74.9	95%	3	56.1	33
LCH13-032	83.1	83.8	54.9	42.9	87.6	95.9	54.8	94.3	74.7	95%	3	60.5	32
TAM 204	93.2	79.4	65.1	39.5	91.7	91.5	57.3	78.1	74.5	95%	2	54.9	30
CO14A065	84.5	84.0	67.0	45.9	96.4	94.6	48.1	64.2	73.1	93%	5	55.4	31
Doublestop CL Plus	76.5	91.3	55.1	44.7	84.2	84.7	53.0	84.2	71.7	91%	4	58.8	34
Akron	86.2	87.2	59.6	40.9	88.2	93.3	54.8	63.1	71.7	91%	8	56.5	35
MTS1024	90.3	80.5	52.2	44.0	97.2	91.8	33.2	74.9	70.5	90%	2	55.3	31
CO14A058	72.4	82.2	67.9	43.5	90.4	89.3	53.2	61.4	70.1	89%	6	55.2	34
Prairie Red	77.6	86.4	55.4	39.9	78.8	88.9	53.0	71.7	69.0	88%	8	57.0	32
<b>Average</b>	<b>89.4</b>	<b>90.0</b>	<b>61.0</b>	<b>46.8</b>	<b>99.4</b>	<b>102.7</b>	<b>56.6</b>	<b>82.2</b>	<b>78.5</b>		<b>4</b>	<b>58.1</b>	<b>33</b>
<sup>d</sup> LSD (P<0.30)	6.2	4.7	3.8	3.2	6.3	4.2	2.4	5.7					

<sup>a</sup>Varieties in the top LSD yield group in each location are in bold.

<sup>b</sup>Varieties ranked according to multi-location average yield in 2016.

<sup>c</sup>Stripe rust score: 1 equals no stripe rust and 9 equals severe stripe rust infection.

<sup>d</sup>If the difference between two variety yields equals or exceeds the LSD value then they are significantly different with less than 30% probability that the difference is due to random error.