

Summary of 2015 Dryland Winter Wheat Variety Performance Results

Variety ^b	Trial Yield ^a									Multi-Location Average				
	Akron	Burlington	Genoa	Julesburg	Lamar	Orchard	Roggen	Sheridan		Yield	Yield	Stripe Rust	Test	
	bu/ac												bu/ac	% of avg
KS11HW39-5-4	90.2	89.1	46.7	88.0	27.4	114.3	89.2	86.7	100.3	81.3	133%	1	60.7	33
CO11D1767	81.5	92.1	50.9	85.3	31.8	118.0	83.7	69.4	102.4	79.4	130%	1	57.2	33
Antero	71.5	89.4	50.0	80.8	36.5	120.8	63.2	74.7	103.3	76.7	126%	2	58.5	33
SY Monument	75.3	85.8	41.9	79.7	29.6	110.9	76.5	60.1	106.8	74.1	121%	2	58.8	32
CO11D1539	59.4	86.4	49.4	79.3	36.9	111.3	63.1	77.7	90.9	72.7	119%	3	58.4	33
Oakley CL	75.0	78.2	47.2	65.6	25.6	109.5	73.5	85.6	89.7	72.2	118%	1	57.6	31
CO11D1236	65.2	79.3	41.9	76.0	37.3	108.5	65.7	66.7	106.1	71.9	118%	7	59.0	34
NE10589	64.5	72.5	38.3	79.5	21.2	122.1	53.4	68.3	104.1	69.3	114%	3	59.8	33
CO11D1306W	65.9	72.9	38.4	75.1	34.4	108.0	70.8	60.8	95.6	69.1	113%	6	59.2	33
TAM 114	68.5	72.2	47.7	82.3	24.5	92.4	55.9	65.5	104.2	68.1	112%	2	58.9	33
Denali	57.6	67.4	38.8	76.8	29.9	107.8	67.1	55.9	105.0	67.4	110%	8	58.5	35
WB-Grainfield	58.4	80.7	35.1	82.9	22.1	96.9	58.7	74.1	90.1	66.6	109%	2	58.9	33
CO11D1353	38.0	70.7	41.8	73.4	38.2	93.2	73.6	69.5	88.5	65.2	107%	6	56.8	34
CO11D446	34.6	92.2	46.0	87.3	28.9	87.5	37.9	74.2	98.0	65.2	107%	3	58.9	31
CO11D1298	52.1	66.8	30.0	70.2	34.5	108.9	70.5	45.9	104.9	64.9	106%	6	56.5	33
Winterhawk	44.1	66.3	38.4	70.5	26.4	109.1	56.7	62.1	107.5	64.6	106%	4	58.4	33
LCS Mint	45.6	72.7	41.1	54.3	34.0	117.2	63.0	68.8	83.8	64.5	106%	4	57.6	34
SY Wolf	54.6	59.6	42.9	62.8	26.4	102.8	69.2	61.4	88.9	63.2	104%	3	56.7	32
CO11D174	34.6	73.3	31.3	70.9	37.0	107.1	53.6	62.1	87.2	61.9	101%	7	57.2	35
TAM 204	53.4	72.8	30.5	66.5	26.6	99.2	63.5	67.7	72.7	61.4	101%	2	55.3	30
KanMark	36.2	77.1	42.0	66.4	25.3	102.9	55.7	57.2	88.9	61.3	100%	6	58.6	28
Sunshine	38.2	72.5	41.0	72.9	23.2	101.3	35.3	67.4	99.4	61.2	100%	4	57.1	31
LCS Pistol	51.3	78.5	36.8	72.9	<i>19.6</i>	<i>79.1</i>	47.8	64.6	95.5	60.7	99%	6	57.8	32
Cowboy	42.4	63.5	32.4	67.2	27.7	102.5	65.3	48.4	89.5	59.9	98%	8	56.2	33
Byrd	30.1	75.1	28.0	68.4	33.4	104.1	43.1	62.3	93.4	59.8	98%	7	58.0	34
LCH13DH-5-59	38.6	66.7	29.8	73.6	32.9	101.2	50.1	<i>39.6</i>	103.1	59.5	98%	7	57.0	36
CO11D1397	30.0	74.2	28.2	66.5	37.9	92.7	53.2	56.3	93.8	59.2	97%	8	56.9	31
Snowmass	35.6	70.1	31.4	65.8	27.3	98.3	43.6	58.0	101.3	59.0	97%	8	56.9	34
Settler CL	32.2	62.8	28.8	68.0	25.7	104.1	40.2	58.1	101.0	57.9	95%	7	55.6	31
Hatcher	39.0	64.9	46.6	63.5	26.3	93.9	48.4	65.4	71.8	57.8	95%	5	56.0	33
T158	43.5	70.0	35.2	72.1	23.2	82.5	43.6	61.2	82.4	57.1	94%	2	57.8	31
TAM 113	39.3	65.3	36.8	53.0	28.8	<i>81.9</i>	63.7	65.3	<i>64.6</i>	55.4	91%	4	56.6	32
Gallagher	41.0	66.8	32.5	57.8	24.5	94.5	38.9	58.3	79.3	54.8	90%	4	55.1	29
CO11D1316W	27.9	59.9	29.0	54.2	31.8	98.1	62.3	51.7	70.4	53.9	88%	8	53.8	33
Iba	30.5	61.9	39.3	<i>50.3</i>	27.4	87.1	52.4	66.7	<i>69.4</i>	53.9	88%	6	57.5	29
TAM 112	31.7	65.0	23.7	63.6	30.3	97.5	29.5	56.4	83.8	53.5	88%	7	59.9	31
MTS1024	40.1	<i>51.6</i>	31.8	63.5	<i>18.5</i>	106.7	62.2	<i>32.6</i>	59.7	51.9	85%	4	53.5	32
Brawl CL Plus	30.9	65.5	31.0	62.5	<i>17.8</i>	87.2	26.8	59.5	83.9	51.7	85%	6	58.3	32
Above	21.9	61.2	22.6	52.4	23.7	97.4	35.1	50.9	77.7	49.2	81%	7	56.1	30
Akron	<i>18.1</i>	<i>54.1</i>	23.6	<i>49.0</i>	26.3	92.5	38.4	52.3	80.4	48.3	79%	8	55.4	33
CO11D1174	<i>16.2</i>	60.1	<i>19.1</i>	51.6	29.4	93.1	<i>24.5</i>	43.4	83.0	46.7	77%	8	52.5	31
Prairie Red	22.2	61.3	<i>21.4</i>	54.5	24.6	85.3	29.1	46.2	67.5	45.8	75%	8	56.4	30
Ripper	<i>16.9</i>	<i>51.3</i>	<i>14.8</i>	<i>49.3</i>	22.2	103.8	<i>24.0</i>	<i>40.6</i>	80.4	44.8	73%	9	53.8	30
Bearpaw	<i>8.6</i>	<i>48.2</i>	<i>18.7</i>	<i>43.7</i>	24.7	93.3	<i>26.1</i>	<i>24.1</i>	92.2	42.2	69%	7	52.2	32
Average	44.4	70.2	35.3	67.5	28.2	100.6	53.4	60.1	89.6	61.0		5	57.1	32
^q LSD (P<0.30)	5.1	4.5	4.5	4.6	3.3	9.2	4.6	5.7	6.0					

^aTop four yielding varieties in each location are in bold and bottom four yielding varieties in each location are in italics.

^bVarieties ranked according to multi-location average yield in 2015.

^cStripe rust score: 1 equals no stripe rust and 9 equals severe stripe rust infection.

^dIf 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.

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