

**Trial Number: Wheat-01- 2017-2018 Winter Wheat Variety Trial**



**Objective:** Evaluate winter wheat varieties under dryland conditions.

**Location:** SWCRC Yellow Jacket, CO

**Researcher(s):** Kathleen Russell

**Crop:** Winter Wheat

**Previous Crop:** Summer Fallow

**Target Rate (seeds/A):** 25 seeds ft<sup>2</sup>

**Planting Date:** 9/20/2017

**Harvest Date:** 7/17/2018

**Harvest Device:** Hege Plot Combine

**Weighing Device:** Calibrated Scale

**Soil Type:** Wetherill Loam

Fertilizer Rate/A (lb/A) Timing			Totals
N:	0.0	Preplant	0.00
P2O5:	0.0	Preplant	0.00
K2O:			0.00
Other:			0.00

**Row Width (in)** 12

**Tillage:** Disk

**Harvest Rows:** 4

**Notes:** The location for these research plots had considerably more moisture than most dryland sites in the region at planting. The wheat was planted into summer fallow ground with two rain events in the 10 days following planting (1.08 in) that allowed for excellent stand establishment.

**Trial Results:**

Entry	Variety	Yield (bu/a)	Height (in)	Type
23	CO13D1299	49.63	23.75	HWW
19	CO12D296	48.87	23.25	HRW
16	Breck	48.63	23.00	HWW
17	Avery	47.51	24.00	HRW
26	CO13D1479	47.24	24.00	HWW
24	CO13D1164	47.13	24.50	HWW
18	CO12D1770	47.08	23.75	HRW
20	CO12D597	46.97	24.50	HRW
25	CO13D1383	46.31	22.25	HWW
10	UI Silver	45.40	24.25	HWW
27	CO13D1638	45.38	22.75	HWW
22	CO13D1783	45.07	24.25	HRW
6	UT10602-9	43.84	27.50	
28	CO13D1714	42.64	25.50	HWW
21	CO13D0787	41.48	23.75	HRW
13	A0701W-1	40.65	21.50	HWW
2	Juniper	40.02	29.00	HRW
7	UT10414-16	38.69	27.00	
4	Deloris	36.62	26.25	HRW
14	A0701W-29	35.84	20.00	HWW
1	Fairview	35.78	25.00	HRW
15	Yellowstone	35.16	25.00	HRW
9	UI SRG	34.05	27.75	HRW
3	Weston	32.76	27.75	HRW
12	IDO1606	32.65	16.75	HWW
5	Weston/Deloris	32.44	26.00	HRW
11	IDO1607	27.43	18.75	HRW
8	UT10309-105	26.74	26.50	
	<b>Mean</b>	<b>40.78</b>	<b>24.22</b>	
	<b>SE</b>	<b>3.23</b>	<b>0.63</b>	
	<b>CV</b>	<b>15.82</b>	<b>5.20</b>	
	<b>LSD (p&lt;0.05)</b>	<b>9.14</b>	<b>1.78</b>	