

2010-2012 Dryland Winter Wheat Variety Trials at Yellow Jacket, CO¹

Table 1. Results of the 2010-2012 Dryland Winter Wheat Variety Trials.

Crop season	2011-2012					2010-2011²		
Entry name	Type³	Grain Yield (bu/acre)⁴	Grain Test Weight (lb/bu)	Grain Protein (%)	50% Heading Date	Grain Yield (bu/acre)⁴	Grain Test Weight (lb/bu)	Grain Protein (%)
C0050173	HRW	31.6	57.5	15.4	25-May	62.7	55.8	16.2
Brawl CL Plus	HRW-CL2	30.6	57.9	15.5	23-May	61.8	56.5	16.3
TAM 112	HRW	30.4	57.3	15.9	23-May	57.5	55.3	15.5
Curlew	HRW	29.9	56.6	16.0	30-May	49.0	51.1	16.9
Denali	HRW	29.4	57.3	15.0	29-May	54.4	53.9	16.2
Thunder CL	HWW-CL	28.9	57.4	14.3	24-May	52.9	55.2	14.3
C0050337-2	HRW	28.7	56.5	15.6	29-May	47.0	52.4	17.1
Cowboy	HRW	28.5	56.0	15.4	29-May	53.3	52.9	16.1
Byrd	HRW	28.2	56.5	15.5	25-May	48.3	53.0	14.3
Lucin CL	HRW-CL	28.0	57.1	15.4	1-Jun	42.1	52.9	17.1
Antero	HWW	27.9	57.4	15.1	28-May	NA	NA	NA
Snowmass	HWW	27.8	55.2	15.3	25-May	55.6	54.2	14.8
ID0816	HRW	27.1	55.6	15.6	3-Jun	48.4	51.2	16.0
C0050233-2	HRW-CL	26.8	56.5	16.2	31-May	54.1	52.3	16.8
Above	HRW-CL	26.7	56.5	14.6	25-May	55.4	54.2	14.3
UI SRG	HRW	26.5	55.7	15.4	1-Jun	50.1	50.2	17.1
C005W111	HWW	26.4	58.3	15.5	31-May	52.0	55.0	16.6
UI Silver	HWW	26.1	59.1	15.1	1-Jun	50.4	54.8	15.9
Fairview	HRW	26.0	56.9	15.2	31-May	46.0	51.8	15.9
Deloris	HRW	25.7	56.8	15.6	2-Jun	46.3	53.0	17.2
Hatcher	HRW	25.1	56.2	15.4	24-May	58.3	52.3	15.0

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UI Darwin	HWW	24.9	57.6	15.8	31-May	52.7	56.0	16.3
Ripper	HRW	24.3	54.2	16.5	23-May	56.8	53.3	15.7
UI LHS	HWW	23.0	56.5	16.7	6-Jun	NA	NA	NA
Mean		27.4	56.7	15.5	28-May	51.1	53.2	15.9
CV %		9.7	1.8	3.2	1	11.2	2.5	3.3
LSD _{.05}		3.7	1.4	1.0	2	9.4	2.2	1.1
LSD _{.30}		2	0.7	0.5	1	NA	NA	NA

¹ The trial was conducted at CSU's Southwestern Colorado Research Center in a RCB design with four replications. Plot size 6 ft x 40 ft.

² Means and statistics for 2010-2011 are for 29 entries.

³ HRW: Hard Red Wheat; HWW: Hard White Wheat; CL: Clearfield (resistant to 'Beyond' herbicide).

⁴ Grain yield adjusted to 12% moisture and 60 lb/bu test weight.

Trial information

Crop season	2011-2012	2010-2011
Previous crop	Summer fallow	Summer fallow
Seeding date	September 29, 2011	September 30, 2010
Seeding rate	700,000 seeds/A	700,000 seeds/A
Harvest date	July 11, 2012	July 20, 2011
Fertilizer applied	None	15 lb N + 73 lb P ₂ O ₅ /A on September 2, 2010
Pesticide applied	2.4-D Amine @1.12 pt/A on April 21, 2012	None
Rainfall (Oct. – June)	6.6 in. (58.3 % of normal)	9.4 in. (83.7 % of normal)