



**Summary of 2022 Dryland Winter Wheat  
Variety Performance Results**

Brand/Source	Market Class	Variety <sup>b</sup>	2022 Individual Trial Yield <sup>a</sup>			2022 Multi-Location Average				
			Julesburg	Roggen	Yuma	Test				
			bu/ac	bu/ac	bu/ac	Yield <sup>c</sup>	Yield	Weight	Protein <sup>c</sup>	Heading <sup>d</sup>
					bu/ac	% of avg	lb/bu	%	days from avg.	
PlainsGold	HRW	Avery	28.0	<b>37.5</b>	<b>41.5</b>	35.7	115%	59	13.1	3
PlainsGold	HRW	Kivari AX	27.5	<b>37.5</b>	<b>41.0</b>	35.3	114%	59	13.4	2
PlainsGold	<b>HWW</b>	Monarch	<b>30.0</b>	<b>35.0</b>	<b>39.5</b>	34.8	112%	59	13.6	-1
PlainsGold	HRW	Whistler	<b>28.5</b>	33.0	<b>41.0</b>	34.2	110%	59	13.6	-1
PlainsGold	HRW	Byrd	27.0	<b>37.5</b>	37.5	34.0	110%	59	13.2	-1
PlainsGold	HRW	Canvas	<b>28.5</b>	32.5	<b>40.0</b>	33.7	108%	60	13.5	-1
PlainsGold	HRW	Crescent AX	28.0	<b>36.0</b>	37.0	33.7	108%	59	14.1	-1
PlainsGold	<b>HWW</b>	Breck	<b>29.5</b>	31.5	37.0	32.7	105%	61	14.1	0
Kansas Wheat Alliance	<b>HWW</b>	KS Silverado	26.0	31.0	<b>40.5</b>	32.5	105%	60	14.1	-6
PlainsGold	HRW	Langin	27.5	34.5	35.0	32.3	104%	59	13.9	-8
Crop Research Foundation of Wyoming, Inc.	HRW	Steamboat	22.0	<b>36.0</b>	39.0	32.3	104%	60	14.5	0
PlainsGold	HRW	Amplify SF	24.5	<b>35.5</b>	36.5	32.2	104%	59	13.8	-1
AgriPro	HRW	AP Solid	26.0	30.0	<b>40.0</b>	32.0	103%	61	13.9	1
PlainsGold	HRW	Guardian	27.0	30.5	38.0	31.8	103%	59	13.8	0
PlainsGold	HRW	Byrd CL Plus	23.0	<b>35.5</b>	35.5	31.3	101%	59	13.6	-1
CROPLAN	HRW	CP7017AX	27.0	29.5	37.0	31.2	100%	60	13.6	2
Meridian Seeds	HRW	MS Maverick	26.5	32.0	34.5	31.0	100%	59	13.7	3
Kansas Wheat Alliance	HRW	KS Hamilton	22.0	31.5	36.5	30.0	97%	59	13.7	-1
AgriPro	HRW	AP Roadrunner	23.0	29.5	35.5	29.3	94%	57	13.9	1
PlainsGold	HRW	Hatcher	22.0	32.0	34.0	29.3	94%	59	13.4	3
Kansas Wheat Alliance	HRW	KS Dallas	24.5	30.0	32.5	29.0	93%	59	13.8	-1
PlainsGold	HRW	Fortify SF	22.5	31.0	32.0	28.5	92%	60	13.9	1
AgriPro	HRW	AP Bigfoot	26.0	25.5	33.5	28.3	91%	59	14.1	1
PlainsGold	<b>HWW</b>	Snowmass 2.0	24.0	29.5	30.0	27.8	90%	59	13.4	3
PlainsGold	HRW	Brawl CL Plus	24.0	25.5	33.5	27.7	89%	60	14.2	-2
PlainsGold	<b>HWW</b>	Sunshine	20.5	26.5	35.0	27.3	88%	59	14.4	0
AgriPro	HRW	SY Legend CL2	22.5	27.5	32.0	27.3	88%	59	14.2	-4
CROPLAN	HRW	CP7266AX	21.5	28.5	30.0	26.7	86%	59	14.0	2
PlainsGold	HRW	Ray	14.0	25.0	27.0	22.0	71%	54	15.8	8
<b>Experimentals</b>										
Colorado State University exp.	HRW	CO18035RA	<b>29.5</b>	<b>35.5</b>	<b>41.5</b>	35.5	114%	59	13.0	-3
Colorado State University exp.	HRW	CO17449R	28.0	<b>35.0</b>	<b>41.0</b>	34.7	112%	60	13.7	3
Colorado State University exp.	HRW	CO18042RA	27.0	<b>37.0</b>	36.5	33.5	108%	59	13.6	3
Colorado State University exp.	HRW	CO18D297R	<b>29.0</b>	34.0	37.5	33.5	108%	59	13.9	2
Colorado State University exp.	HRW	CO13D1479	<b>28.5</b>	33.0	38.5	33.3	107%	59	13.8	3
Colorado State University exp.	<b>HWW</b>	CO18D007W	27.0	34.0	38.0	33.0	106%	60	13.8	-1
Colorado State University exp.	<b>HWW</b>	CO16D402W	25.0	32.5	37.0	31.5	101%	59	14.5	1
Colorado State University exp.	HRW	CO16SF032	26.0	31.0	35.0	30.7	99%	60	13.4	3
Colorado State University exp.	<b>HWW</b>	CO18SFD009W	24.5	29.5	33.0	29.0	93%	57	14.3	0
Colorado State University exp.	<b>HWW</b>	CO18D076W	21.5	29.0	31.5	27.3	88%	59	14.8	3
Colorado State University exp.	HRW	CO16SF067	17.0	30.0	30.0	25.7	83%	59	15.2	2
<b>Average</b>			<b>25.2</b>	<b>31.9</b>	<b>36.0</b>	<b>31.0</b>	<b>100%</b>	<b>59</b>	<b>13.9</b>	<b>May 28, 2022</b>
°LSD (0.30)			1.5	2.5	2.0					
°LSD (0.05)			3.0	4.5	4.0					

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

<sup>b</sup>Varieties ranked according to released varieties or experimentals, and then by average yield across three trials in 2022.

<sup>c</sup>Yield and protein adjusted to 12% moisture content. Protein averaged across three trials in 2022.

<sup>d</sup>Varieties with positive values headed later than the trial average and varieties with negative values headed earlier than the trial average of May 28th.

<sup>e</sup>Farmers selecting a variety based on yield should use the LSD (0.30) to protect from false negative decisions. Companies or researchers may be interested in the LSD (0.05) to avoid false positive conclusions.

*The data included in this table may not be republished without permission. Contact Sally Jones-Diamond (sally.jones@colostate.edu)*