



Summary of 2020 Dryland Winter Wheat  
Variety Performance Results

Brand/Source	Variety <sup>b</sup>	2020 Individual Trial Yield <sup>a</sup>									2020 Multi-Location Average			
		Akron	Arapahoe	Burlington	Julesburg	Lamar	Orchard	Roggen	Sherida	Yuma	Yield	Yield	Test	Heading <sup>c</sup>
		bu/ac												
PlainsGold	Snowmass 2.0	<b>53.5</b>	40.2	<b>72.6</b>	59.3	30.0	<b>48.3</b>	<b>63.0</b>	39.2	<b>76.5</b>	53.6	115%	57.0	-1
PlainsGold	Langin	<b>52.7</b>	40.8	<b>70.4</b>	56.7	32.3	44.1	<b>64.8</b>	37.8	<b>75.7</b>	52.8	113%	56.6	-3
PlainsGold	Sunshine	49.5	41.0	67.8	<b>61.8</b>	34.1	42.9	<b>62.9</b>	<b>43.4</b>	71.6	52.8	113%	56.5	-1
PlainsGold	Whistler	45.2	<b>46.6</b>	69.3	60.7	<b>40.8</b>	40.9	59.4	34.0	68.1	51.7	111%	55.0	1
Indigo Ag	EXP 2	<b>53.9</b>	37.4	64.3	<b>62.7</b>	23.7	43.8	<b>62.5</b>	34.5	74.4	50.8	109%	56.8	-2
PlainsGold	Avery	47.5	40.7	68.8	59.6	28.6	42.0	61.4	37.0	71.1	50.7	109%	55.9	1
CROPLAN by WinField United	CP7017AX	49.6	39.0	67.5	57.5	29.7	43.4	59.2	40.1	66.8	50.3	108%	56.7	-1
CROPLAN by WinField United	CP7869	49.0	35.9	69.6	57.4	28.1	46.6	55.1	<b>41.5</b>	69.0	50.2	108%	57.5	-2
Indigo Ag	EXP 1	48.1	36.4	64.3	60.3	28.6	46.1	59.2	33.7	72.1	49.9	107%	56.7	-2
Wildcat Genetics	KS Silverado	50.1	30.5	67.6	57.8	24.2	46.7	58.9	33.1	<b>77.1</b>	49.6	106%	58.4	-2
Colorado State University exp.	CO14A055-258	46.9	40.4	68.0	58.2	25.0	42.6	60.0	29.2	72.9	49.3	106%	55.9	1
PlainsGold	Monarch	48.1	35.3	58.8	59.6	26.3	45.6	58.7	39.7	71.3	49.2	106%	56.9	1
PlainsGold	Byrd	49.5	39.0	64.2	58.0	29.6	41.1	61.6	33.8	66.0	49.2	106%	56.3	-1
Wildcat Genetics	KS Dallas	44.8	36.4	64.5	58.9	27.8	<b>47.9</b>	59.9	33.9	67.2	49.0	105%	56.8	0
Colorado State University exp.	CO16SF070	48.2	36.8	63.2	57.6	29.8	42.5	57.3	34.8	69.5	48.8	105%	56.2	0
PlainsGold	Byrd CL Plus	49.8	35.4	61.0	53.8	30.7	39.9	60.3	37.6	69.4	48.7	104%	56.6	0
PlainsGold	Guardian	43.1	40.8	63.1	54.9	33.8	38.3	60.0	39.2	63.8	48.5	104%	57.5	1
PlainsGold	Brawl CL Plus	48.0	30.9	58.9	58.3	27.6	44.7	61.8	36.3	69.9	48.5	104%	57.4	-2
PlainsGold	Breck	47.7	34.5	62.6	55.5	32.6	42.5	57.7	35.7	67.5	48.5	104%	57.6	1
Colorado State University exp.	CO16SF065	48.7	36.5	60.6	55.8	27.5	42.8	58.5	35.7	67.7	48.2	103%	56.0	0
Limagrain Cereal Seeds	LCS Helix AX	49.1	32.8	68.6	54.5	27.0	42.7	57.6	31.3	68.4	48.0	103%	57.6	0
Colorado State University exp.	CO16SF028	45.4	39.2	66.1	58.3	23.3	44.9	54.4	29.8	67.8	47.7	102%	57.0	1
Colorado State University exp.	CO15D098R	45.2	39.5	63.5	<b>62.5</b>	22.3	41.4	56.9	25.1	71.9	47.6	102%	57.5	2
PlainsGold	Denali	45.1	37.2	56.2	55.0	30.9	42.1	58.5	35.1	67.5	47.5	102%	57.0	2
PlainsGold	Canvas	43.2	37.2	68.0	54.2	26.8	40.6	57.3	30.1	66.4	47.1	101%	56.3	1
PlainsGold	Fortify SF	47.8	32.4	59.8	52.6	34.6	39.8	56.3	34.2	65.8	47.0	101%	57.5	0
Wildcat Genetics	KS Western Star	43.2	32.6	57.6	57.5	28.6	43.1	61.9	35.6	62.2	46.9	101%	56.8	-1
Dyna-Gro Seed	Long Branch	43.4	37.7	59.6	57.0	25.5	41.2	56.4	37.5	63.2	46.8	100%	55.6	-1
AgriPro	SY Rugged	43.3	34.3	65.8	53.0	26.8	38.0	57.5	33.6	69.0	46.8	100%	55.7	-1
Allegiant	EXP 303	42.4	34.9	49.8	60.5	29.4	40.8	<b>62.4</b>	32.0	67.5	46.6	100%	57.5	2
CROPLAN by WinField United	CP7909	45.0	29.2	52.2	57.6	22.5	<b>48.7</b>	<b>63.0</b>	31.9	67.5	46.4	99%	56.8	-2
AgriPro	SY Wolverine	46.9	31.3	65.7	56.0	25.3	38.9	55.7	29.2	65.5	46.1	99%	56.5	0
Colorado State University exp.	CO17128C	42.1	37.4	61.0	<b>63.1</b>	19.3	43.1	58.7	23.5	65.8	46.0	99%	56.5	3
CROPLAN by WinField United	CP7050AX	48.3	30.0	58.1	49.5	26.1	44.1	52.4	35.2	66.1	45.5	98%	58.3	-3
WestBred - Bayer Crop Science	WB4595	48.2	29.8	47.0	54.6	29.6	39.6	61.3	34.8	63.4	45.4	97%	56.8	2
PlainsGold	Crescent AX	45.6	31.4	52.5	53.9	28.3	42.5	57.6	30.4	65.3	45.3	97%	56.9	0
Colorado State University exp.	CO14A136-135	41.6	38.7	63.1	56.1	20.0	38.4	56.3	21.5	67.9	44.8	96%	55.8	3
WestBred - Bayer Crop Science	WB-Grainfield	41.8	30.0	61.1	54.8	21.3	40.4	53.9	28.1	71.0	44.7	96%	56.5	-2
Colorado State University exp.	CO16SF032	44.5	33.6	56.8	55.2	18.9	41.7	56.6	27.6	65.9	44.5	96%	56.9	1
Colorado State University exp.	CO16SF026	41.8	34.3	55.7	54.1	20.2	<b>47.1</b>	58.1	24.3	63.1	44.3	95%	56.7	2
AgriPro	SY Monument	43.3	30.3	58.3	55.8	24.0	36.9	52.1	34.9	63.3	44.3	95%	55.9	3
PlainsGold	Hatcher	42.6	29.8	64.1	50.5	18.8	38.9	56.6	31.3	65.0	44.2	95%	56.5	1
AgriPro	SY Legend CL2	42.9	31.8	56.9	50.8	23.0	40.5	54.7	31.4	64.1	44.0	94%	56.6	-1
Colorado State University exp.	CO16SF027	42.9	35.2	54.9	54.6	19.8	40.0	56.1	23.7	62.1	43.3	93%	56.5	2
PlainsGold	Snowmass	36.9	33.1	58.9	47.4	27.0	34.4	53.1	32.2	59.2	42.5	91%	56.5	0
AGSECO	TAM 114	40.7	29.3	49.0	58.1	20.0	41.4	52.0	29.4	62.1	42.4	91%	57.1	0
Colorado State University exp.	CO16SF067	44.8	31.5	51.7	55.0	22.8	35.6	52.1	24.3	57.9	41.7	89%	56.5	3
AgriPro	Spur	38.7	30.0	43.4	52.7	19.9	39.2	57.5	25.2	61.3	40.9	88%	53.8	6
Colorado State University exp.	CO16SF075	37.9	34.0	50.5	52.9	23.3	34.8	53.8	23.1	54.9	40.6	87%	56.3	3
Colorado State University exp.	CO16SF074	35.7	33.9	50.7	52.9	22.4	35.0	50.8	27.0	54.3	40.3	86%	56.0	3
PlainsGold	Incline AX	38.7	29.7	53.5	51.1	21.2	29.3	52.2	33.3	52.6	40.2	86%	54.7	3
Colorado State University exp.	CO16SF049	31.7	23.4	38.5	51.5	15.8	33.9	49.6	17.2	53.1	35.0	75%	54.8	5
	<b>Average</b>	<b>45.1</b>	<b>34.8</b>	<b>60.1</b>	<b>56.1</b>	<b>26.1</b>	<b>41.4</b>	<b>57.6</b>	<b>32.2</b>	<b>66.3</b>	<b>46.6</b>		<b>56.6</b>	<b>5/21/2020</b>
	<sup>d</sup> LSD (P<0.30)	2.4	2.0	2.5	2.3	2.5	1.7	2.5	2.6	2.5				

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

<sup>b</sup>Varieties ranked according to average yield across eleven trials in 2020.

<sup>c</sup>Varieties with positive values headed later than the trial average and varieties with negative values headed earlier than the multi-location trial averages.

<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.