



Summary of 2021  
Dryland Variety Performance Results

2021 Individual Trial Yield<sup>a</sup>

2021 Multi-Location Average

Brand/Source	Variety <sup>b</sup>	2021 Individual Trial Yield <sup>a</sup>									2021 Multi-Location Average				
		Akron	Burlington	Genoa	Julesburg	Lamar	Orchard	Roggen	Sheridan Lake	Yuma	Yield <sup>c</sup> bu/ac	Yield % of avg	Test Weight lb/bu	Protein <sup>c</sup> %	Heading <sup>d</sup> days from avg.
Kansas Wheat Alliance	KS Silverado	97	69	37	58	50	58	47	40	85	60	109%	59	13	-3
PlainsGold	Langin	93	65	33	71	53	60	44	42	77	60	109%	56	13	-2
PlainsGold	Snowmass 2.0	92	63	32	66	54	56	48	36	89	59	108%	56	13	-2
Kansas Wheat Alliance	KS Dallas	92	55	29	62	54	59	47	41	82	58	105%	56	14	1
Kansas Wheat Alliance	KS Hamilton	90	54	30	68	53	55	43	42	83	58	105%	55	13	0
Indigo Ag	*Langin Trt 2	95	55	29	65	55	53	45	35	80	57	104%	56	12	-3
PlainsGold	Byrd	91	54	29	64	57	55	42	41	78	57	103%	56	13	-2
Limagrain Cereal Seeds	LCS Atomic AX	90	66	35	54	50	54	41	39	81	57	103%	56	13	-3
PlainsGold	Monarch	88	59	31	63	56	50	45	35	80	56	103%	56	12	1
PlainsGold	Canvas	91	53	30	66	60	51	40	41	75	56	102%	55	13	1
PlainsGold	Crescent AX	87	46	34	71	56	51	43	40	78	56	102%	56	13	-2
Indigo Ag	*Langin Trt 1	97	63	27	55	54	49	44	38	75	56	101%	56	13	-3
PlainsGold	Kivari AX	88	47	33	63	62	52	42	41	74	56	101%	54	13	0
AgriPro	AP Solid	88	58	28	61	50	53	43	37	81	56	101%	57	13	3
CROPLAN by WinField United	CP7017AX	86	69	31	62	51	49	38	38	76	55	101%	56	13	-1
WestBred	WB4595	89	63	30	59	52	50	42	40	70	55	100%	56	14	2
PlainsGold	Avery	84	49	33	61	59	53	41	41	74	55	100%	55	13	0
PlainsGold	Fortify SF	86	52	31	63	54	54	43	36	72	54	99%	57	13	-1
AgriPro	AP Roadrunner	87	57	29	59	60	44	40	37	78	54	99%	54	14	1
Limagrain Cereal Seeds	LCS Julep	92	52	29	57	50	54	39	37	78	54	99%	57	14	0
Limagrain Cereal Seeds	LCS Helix AX	92	61	29	56	53	52	38	33	71	54	98%	56	13	-1
PlainsGold	Breck	87	53	30	57	56	45	41	38	78	54	98%	57	14	0
PlainsGold	Denali	85	52	30	63	51	47	39	41	73	54	97%	56	13	2
PlainsGold	Brawl CL Plus	88	56	33	56	48	49	41	34	76	54	97%	57	13	-2
PlainsGold	Byrd CL Plus	82	45	31	65	57	48	43	40	70	53	97%	55	14	0
CROPLAN by WinField United	CP7050AX	82	62	34	53	41	52	42	34	78	53	97%	59	13	-4
PlainsGold	Whistler	92	41	27	64	63	49	38	39	63	53	96%	54	13	3
WestBred	WB4418	89	48	27	59	52	51	41	39	69	53	96%	56	13	-1
PlainsGold	Hatcher	81	43	24	60	52	47	40	42	70	51	93%	54	13	1
PlainsGold	Guardian	81	35	28	62	51	48	38	41	69	50	92%	56	14	0
Oklahoma Genetics Inc.	Lonerider	84	53	21	54	42	41	33	28	69	47	86%	56	14	3
Montana State University	Warhorse	75	34	21	56	43	37	37	30	60	44	80%	55	15	5
<b>Experimentals</b>															
Allegiant	EXP 301	88	67	36	63	51	58	43	41	80	59	107%	57	12	-3
Colorado State University exp.	CO16D402W	96	56	35	62	60	53	45	41	79	59	106%	55	13	-1
Allegiant	EXP 303	94	69	30	60	53	49	42	46	77	58	105%	58	12	2
Colorado State University exp.	CO18D007W	85	58	29	67	57	55	40	39	87	57	105%	56	14	-2
Colorado State University exp.	CO16D1487	91	50	30	65	57	53	45	42	83	57	104%	57	12	1
Colorado State University exp.	CO18D297R	86	56	33	62	53	50	44	44	80	57	103%	57	13	0
Colorado State University exp.	CO18D076W	94	47	33	60	55	55	45	35	78	56	102%	56	13	-1
Colorado State University exp.	CO13007-F6R	88	59	30	64	54	53	39	39	76	56	101%	57	12	0
Colorado State University exp.	CO16SF032	91	50	29	60	60	49	45	35	77	55	100%	56	13	0
Colorado State University exp.	CO16SF027	91	53	29	60	57	50	48	35	69	55	100%	57	13	1
Colorado State University exp.	CO16SF070	79	50	28	61	57	47	40	37	72	52	95%	54	14	-1
Colorado State University exp.	CO16SF067	84	37	22	59	56	50	39	36	67	50	91%	56	14	1
	<b>Average</b>	<b>88</b>	<b>54</b>	<b>30</b>	<b>61</b>	<b>54</b>	<b>51</b>	<b>42</b>	<b>38</b>	<b>76</b>	<b>55</b>		<b>56</b>	<b>13</b>	<b>May 31, 2021</b>
	<sup>e</sup> LSD (0.30)	4	5	2	3	3	3	2	2	4					
	<sup>e</sup> LSD (0.05)	8	9	5	5	5	6	4	4	8					

<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 nine trials in 2021.

<sup>c</sup>Yield and protein adjusted to 12% moisture content. Protein averaged across six trials in 2021.

<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 31st.

<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 Langin seed used in the Indigo Ag treatment was from a different source than the Langin seed by PlainsGold.