



**Summary of 2021
Irrigated Variety Performance Results**

Brand/Source	Variety ^b	2021 Individual Trial Yield ^a			2021 Multi-Location Average				
		Burlington	Fort		Yield	Yield	Test		
			Collins	Holyoke			bu/ac	% of avg	Weight
		bu/ac			bu/ac	%	lb/bu	%	in
WestBred	WB4595	118	119	59	99	110%	60	13	34
PlainsGold	Snowmass 2.0	110	104	76	97	108%	59	11	34
PlainsGold	Brawl CL Plus	110	108	66	95	106%	60	14	37
PlainsGold	Monarch	109	110	65	94	105%	59	12	34
Kansas Wheat Alliance	KS Silverado	108	99	72	93	104%	60	13	34
PlainsGold	Canvas	101	105	70	92	102%	60	12	33
CROPLAN by WinField United	CP7017AX	105	102	67	91	102%	59	14	33
PlainsGold	Crescent AX	105	92	74	90	100%	60	13	38
WestBred	WB4418	99	112	58	90	100%	59	13	34
CROPLAN by WinField United	CP7050AX	102	103	64	90	100%	61	14	38
Kansas Wheat Alliance	KS Hamilton	99	99	69	89	99%	58	13	32
PlainsGold	Breck	106	95	65	88	98%	60	13	35
Oklahoma Genetics Inc.	Lonerider	104	105	55	88	98%	60	14	33
Oklahoma Genetics Inc.	Breakthrough	102	91	62	85	95%	60	14	33
PlainsGold	Kivari AX	92	83	67	81	90%	57	13	35
PlainsGold	Guardian	88	80	68	79	88%	59	13	35
Experimentals									
Colorado State University exp.	CO18D007W	120	114	70	101	113%	59	13	35
Allegiant	EXP 303	116	112	68	99	110%	62	13	34
Allegiant	EXP 301	110	100	73	95	105%	59	14	36
Colorado State University exp.	CO16D1487	105	108	67	93	104%	60	12	36
Colorado State University exp.	CO18D297R	112	91	70	91	102%	58	13	36
Colorado State University exp.	CO16D402W	108	95	67	90	100%	57	11	33
Colorado State University exp.	CO13007-F6R	108	92	69	90	100%	59	13	37
Colorado State University exp.	CO16SF032	106	96	67	90	100%	59	14	38
Colorado State University exp.	CO16SF027	101	90	66	86	96%	59	13	35
Colorado State University exp.	CO16SF070	98	97	60	85	95%	56	13	34
Colorado State University exp.	CO16SF067	91	82	64	79	88%	59	13	37
Colorado State University exp.	CO18D076W	99	58	67	75	83%	57	13	36
Average		105	98	67	90		59	13	35
°LSD (0.30)		5	5	4					
°LSD (0.05)		9	10	8					

^aVarieties in the top LSD yield group in each location are in bold.

^bVarieties ranked according to released varieties or experimentals, and then by average yield across three trials in 2021.

^cFarmers 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 Jerry Johnson (jerry.johnson@colostate.edu) or Sally Jones-Diamond (sally.jones@colostate.edu)