

## 2021 Collaborative On-Farm Test (COFT) Variety Performance Results

2021 Varieties (ranked left to right by highest yield)

County/Nearest Town	<u>Crescent AX</u>			<u>Whistler</u>			<u>Canvas</u>			<u>Fortify SF</u>			<u>Bvrd CL Plus</u>			<u>Guardian</u>			<u>COFT Average</u>		
	Yield <sup>a</sup>	Test Weight	Protein	Yield <sup>a</sup>	Test Weight	Protein	Yield <sup>a</sup>	Test Weight	Protein	Yield <sup>a</sup>	Test Weight	Protein	Yield <sup>a</sup>	Test Weight	Protein	Yield <sup>a</sup>	Test Weight	Protein	Yield <sup>a</sup>	Test Weight	Protein
Adams/Bennett N	51	60	12	46	58	13	51	59	12	44	58	12	47	59	11	40	58	12	47	59	12
Adams/Prospect Valley	36	58	13	46	59	12	37	58	13	34	59	12	36	58	13	36	59	12	38	59	13
Bent/Lamar SW	33	60	13	34	58	13	34	61	13	38	59	12	33	59	13	32	60	14	34	60	13
Kit Carson/Bethune	51	62	13	56	59	13	49	62	13	52	61	13	56	60	12	49	61	14	52	61	13
Kit Carson/Burlington E	65	59	12	57	56	13	63	58	13	60	57	12	55	56	12	58	58	13	60	58	12
Kit Carson/Burlington S	85	61	9	80	61	9	84	61	10	80	60	9	84	59	9	79	62	10	82	61	9
Kit Carson/Seibert	25	59	-	28	58	-	27	60	-	26	57	-	19	57	-	29	60	-	26	58	-
Lincoln/Karval	33	55	8	33	52	9	37	56	9	38	54	9	39	54	9	30	55	9	35	54	9
Logan/Fleming	54	64	11	60	64	9	60	62	10	62	62	10	57	63	9	58	65	10	58	63	10
Logan/Leroy	57	64	13	68	63	11	59	62	12	54	64	12	52	64	12	66	63	12	59	63	12
Phillips/Haxtun	66	57	14	61	52	14	57	54	14	62	55	14	61	54	14	60	56	15	61	55	14
Phillips/Holyoke	64	60	14	47	56	16	51	56	15	51	59	14	47	56	15	46	57	15	51	57	15
Prowers/Holly	14	48	14	17	44	14	14	48	14	17	49	14	11	45	13	13	45	15	14	47	14
Sedgwick/Julesburg	49	60	12	52	59	12	54	62	12	51	61	12	55	60	12	50	60	12	52	60	12
Sedgwick/Julesburg S	31	58	12	33	57	12	31	57	12	36	59	12	29	54	13	34	58	12	32	57	12
Washington/Akron	56	63	9	58	63	9	56	63	8	46	61	11	55	61	10	-	62	9	54	62	9
Yuma/Yuma	56	57	11	50	54	12	56	57	11	54	56	12	47	54	12	47	58	12	52	56	11
<b>Average</b>	<b>49</b>	<b>59</b>	<b>12</b>	<b>49</b>	<b>57</b>	<b>12</b>	<b>48</b>	<b>58</b>	<b>12</b>	<b>47</b>	<b>58</b>	<b>12</b>	<b>46</b>	<b>57</b>	<b>12</b>	<b>45</b>	<b>59</b>	<b>12</b>	<b>48</b>	<b>58</b>	<b>12</b>

Yield Significance<sup>b</sup>

A

A

A

A,B

B,C

C

LSD (P<0.30) for yield = 1.3 bu/ac

LSD (P<0.30) for test weight = 0.4 lb/bu

LSD (P<0.30) for protein = 0.2 percent

<sup>a</sup>All yield and protein data are corrected to 12% moisture.

<sup>b</sup>Yield significance: varieties with different letters have yields that are significantly different from one another.