

## 2020 Collaborative On-Farm Test (COFT) Variety Performance Results

*2020 Varieties (ranked left to right by highest yield)*

County/Nearest Town	<u>Canvas</u>			<u>Long Branch</u>			<u>Snowmass 2.0</u>			<u>Whistler</u>			<u>Crescent AX</u>			<u>Langin</u>			<u>COFT Average</u>		
	Test			Test			Test			Test			Test			Test					
	Yield <sup>a</sup>	Weight	Protein	Yield <sup>a</sup>	Weight	Protein	Yield <sup>a</sup>	Weight	Protein	Yield <sup>a</sup>	Weight	Protein	Yield <sup>a</sup>	Weight	Protein	Yield <sup>a</sup>	Weight	Protein	Yield <sup>a</sup>	Weight	Protein
	bu/ac	lb/bu	percent	bu/ac	lb/bu	percent	bu/ac	lb/bu	percent	bu/ac	lb/bu	percent	bu/ac	lb/bu	percent	bu/ac	lb/bu	percent	bu/ac	lb/bu	percent
Adams/Bennett N	38.2	57.5	12.2	33.7	54.2	13.3	34.6	55.4	13.6	33.0	54.1	14.7	37.1	57.3	12.0	36.9	56.2	12.8	35.6	55.8	13.1
Adams/Prospect Valley	29.4	60.7	10.8	28.8	58.4	11.6	29.8	57.9	11.5	27.7	58.4	11.7	29.1	60.7	11.5	30.2	59.5	11.2	29.2	59.3	11.4
Kiowa/Eads	21.3	57.8	14.0	15.0	53.5	14.6	17.0	55.8	14.2	14.7	53.6	15.0	17.7	57.0	14.0	13.1	56.0	14.5	16.5	55.6	14.4
Kit Carson/Bethune	26.2	59.5	15.5	23.0	57.6	15.0	19.3	59.7	15.4	18.9	57.4	16.0	18.3	60.1	15.2	17.9	58.4	14.9	20.6	58.8	15.3
Kit Carson/Stratton	33.7	58.3	13.5	40.7	58.5	12.9	31.6	58.8	13.7	32.6	55.4	14.1	34.5	60.4	13.9	36.2	61.3	13.2	34.9	58.8	13.6
Logan/Dailey	28.9	59.1	13.5	27.2	56.5	12.6	31.5	60.0	13.1	26.8	59.0	12.7	27.1	60.2	12.9	29.4	59.0	12.5	28.5	59.0	12.9
Phillips/Haxtun	29.4	55.8	15.3	25.3	52.0	15.5	24.1	55.1	15.4	18.9	54.3	15.8	-	-	-	13.1	55.6	15.6	22.2	54.6	15.5
Prowers/Granada	25.2	58.7	14.6	26.3	54.7	14.2	21.9	59.2	14.1	30.6	57.9	13.9	24.7	56.1	14.5	20.6	57.1	14.9	24.9	57.3	14.4
Prowers/Lamar	21.7	61.0	13.6	21.7	59.2	12.8	20.3	60.6	13.1	24.7	59.4	12.7	18.0	58.4	13.5	19.5	58.2	13.2	21.0	59.5	13.2
Sedgwick/Julesburg	31.9	56.3	13.4	30.0	54.8	12.6	35.3	56.5	13.0	28.9	54.6	13.4	27.0	56.6	13.2	24.1	55.1	12.9	29.5	55.6	13.1
Sedgwick/Julesburg S	47.4	60.2	9.5	48.4	59.3	9.2	51.7	61.1	9.1	51.6	59.9	9.2	46.0	61.4	9.8	54.7	60.1	9.1	49.9	60.3	9.3
Weld/Roggen	30.8	57.5	14.8	29.4	57.7	15.8	33.2	56.4	15.0	32.4	57.5	14.8	28.2	54.0	15.5	28.1	54.3	15.8	30.3	56.2	15.3
Yuma/Yuma	46.5	58.1	10.2	47.3	58.0	10.0	45.0	58.0	10.5	40.1	53.0	12.7	44.4	58.9	10.5	46.9	57.8	10.1	45.0	57.3	10.7
<b>Average</b>	<b>31.6</b>	<b>58.5</b>	<b>13.1</b>	<b>30.5</b>	<b>56.5</b>	<b>13.1</b>	<b>30.4</b>	<b>58.0</b>	<b>13.2</b>	<b>29.3</b>	<b>56.5</b>	<b>13.6</b>	<b>28.7</b>	<b>58.2</b>	<b>13.2</b>	<b>28.5</b>	<b>57.6</b>	<b>13.1</b>	<b>29.9</b>	<b>57.5</b>	<b>13.2</b>

Yield Significance<sup>b</sup>

A

A

A, B

B, C

C

C

LSD ( $P < 0.30$ ) for yield = 1.2 bu/ac

LSD ( $P < 0.30$ ) for test weight = 0.5 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.