



Summary of 2023 Collaborative On-Farm Test (COFT) Winter Wheat Variety Performance Results



2023 Varieties (ranked left to right by highest yield)

County/Nearest Town	<u>Amplify SF</u>			<u>Windom SF</u>			<u>Kivari AX</u>			<u>Whistler</u>			<u>Fortify SF</u>			<u>COFT Average</u>		
	Yield ^a	Weight	Protein	Yield ^a	Weight	Protein	Yield ^a	Weight	Protein	Yield ^a	Weight	Protein	Yield ^a	Weight	Protein	Yield ^a	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
Adams/Byers	83	58	10	73	59	9	86	57	9	80	58	10	74	58	9	79	58	10
Adams/Prospect Valley	64	60	9	53	60	8	52	59	9	47	60	9	51	58	9	53	59	9
Baca/Walsh	30	59	13	35	61	13	32	58	13	35	59	13	30	60	13	32	59	13
Kiowa/Eads	24	59	9	19	60	10	19	56	8	25	58	9	19	57	9	21	58	9
Kit Carson/Bethune	26	57	12	26	59	12	24	55	11	20	56	11	25	58	11	24	57	11
Logan/Leroy	105	61	12	101	62	12	92	60	11	94	61	11	87	60	12	96	61	11
Sedgwick/Julesburg	44	56	12	34	53	13	36	54	11	37	55	12	33	57	12	37	55	12
Sedgwick/Julesburg S	40	56	12	41	54	12	38	51	11	30	51	12	43	57	11	38	54	12
Washington/Otis	64	58	12	57	58	12	53	55	10	60	57	12	51	55	10	57	56	11
Yuma/Yuma	19	56	9	19	59	9	18	57	9	19	57	9	18	59	9	19	57	9
Average	50	58	11	46	58	11	45	56	10	45	57	11	43	58	11	46	58	11

Yield Significance^b

A

B

B

B, C

C

LSD ($P < 0.30$) for yield = 1.9 bu/ac, for test weight = 0.6 lb/bu, and for protein = 0.2 percent

^aAll yield and protein data are corrected to 12% moisture.

^bYield significance: varieties with different letters have yields that are significantly different from one another.