



## Summary of 2024 Collaborative On-Farm Test (COFT) Winter Wheat Variety Performance Results



2024 Varieties (ranked left to right by highest yield)

Nearest Town/County	Kivari AX			Amplify SF with Indigo Seed Treatment			Amplify SF			AP Solid			Guardian			KS Territory			COFT Average		
	Test			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
Anton/Washington	53	58	14	53	59	14	53	59	15	52	60	14	48	58	16	46	56	16	<b>51</b>	<b>58</b>	<b>15</b>
Arriba/Lincoln	54	61	11	68	60	11	56	60	11	57	57	11	66	62	11	45	58	11	<b>58</b>	<b>60</b>	<b>11</b>
Bennett/Adams	72	59	11	66	60	12	65	61	11	64	61	11	62	60	12	62	58	12	<b>65</b>	<b>60</b>	<b>11</b>
Bethune/Kit Carson	47	61	14	43	62	15	41	63	15	43	63	15	37	63	15	41	55	15	<b>42</b>	<b>61</b>	<b>15</b>
Burlington/Kit Carson	49	63	12	32	62	13	36	63	13	34	63	13	40	62	13	39	61	13	<b>38</b>	<b>62</b>	<b>13</b>
Byers/Adams	59	63	12	52	64	13	58	64	13	58	64	13	58	64	13	63	63	13	<b>58</b>	<b>64</b>	<b>13</b>
Cheyenne Wells/Cheyenne	57	61	11	59	61	12	54	61	12	52	63	13	55	60	13	55	62	12	<b>55</b>	<b>61</b>	<b>12</b>
Eads/Kiowa	20	60	9	23	63	9	21	63	9	25	64	9	24	63	9	21	62	10	<b>22</b>	<b>62</b>	<b>9</b>
Julesburg/Sedgwick	42	60	11	39	62	12	39	61	12	37	63	12	37	63	12	43	60	12	<b>40</b>	<b>61</b>	<b>12</b>
Lamar S/Prowers	46	61	10	41	63	11	43	62	12	42	63	13	42	62	12	36	63	11	<b>42</b>	<b>62</b>	<b>11</b>
Lamar SW/Bent	27	58	11	30	58	12	27	58	12	30	60	12	29	60	12	33	57	12	<b>29</b>	<b>58</b>	<b>12</b>
Leroy/Logan	49	55	12	54	59	13	49	60	12	53	60	13	43	59	13	47	56	14	<b>49</b>	<b>58</b>	<b>13</b>
Otis/Washington	41	56	13	51	60	13	49	59	14	48	60	14	39	57	15	45	51	15	<b>46</b>	<b>57</b>	<b>14</b>
Prospect Valley/Adams	33	61	11	34	62	11	36	62	12	35	60	11	29	57	11	24	62	11	<b>32</b>	<b>61</b>	<b>11</b>
Severance/Weld (Irrigated)	137	64	13	122	61	12	126	62	12	118	62	11	135	61	12	116	59	13	<b>126</b>	<b>61</b>	<b>12</b>
Vilas/Baca	20	58	9	15	58	11	17	59	10	20	59	9	11	58	12	14	58	10	<b>16</b>	<b>58</b>	<b>10</b>
Walsh/Baca	43	62	-	41	63	-	37	63	-	38	64	-	39	64	-	38	62	-	<b>39</b>	<b>63</b>	<b>-</b>
Yuma/Yuma	29	58	12	32	63	11	30	62	11	31	63	12	25	60	12	28	59	12	<b>29</b>	<b>61</b>	<b>12</b>
<b>Average</b>	<b>48.8</b>	<b>59.9</b>	<b>11.4</b>	<b>47.6</b>	<b>61.1</b>	<b>12.0</b>	<b>46.5</b>	<b>61.1</b>	<b>12.0</b>	<b>46.5</b>	<b>61.6</b>	<b>12.1</b>	<b>45.5</b>	<b>60.6</b>	<b>12.4</b>	<b>44.2</b>	<b>58.9</b>	<b>12.4</b>	<b>46.5</b>	<b>60.5</b>	<b>12.1</b>

Yield Significance<sup>b</sup>

A                      A,B                      B,C                      B,C                      C,D                      D

LSD ( $P < 0.30$ ) for yield = 1.5 bu/ac, for test weight = 0.5 lb/bu, and 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.