

## 2022 South-Central Kansas, North-Central Oklahoma Summary, Three-Year Data

### Syngenta Commercial Variety Wheat Performance Test, 2020-2022

Variety	3-Yr Combined (2019-2021)		2-Yr Combined (2021-2022)		Combined (2022)		Conway Springs, KS	Partridge, KS	Carrier, OK
	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	Yield Bu/A	Yield Bu/A
Hard Winter Wheat									
<b>AP18 AX</b>	<b>77.6</b>	63.4	<b>77.3</b>	62.8	<b>59.6</b>	63.4	<b>60.2</b>	<b>38.3</b>	<b>80.2</b>
<b>AP Prolific</b>	<b>75.7</b>	63.6	<b>76.1</b>	<b>63.5</b>	<b>60.0</b>	<b>64.9</b>	<b>62.6</b>	<b>39.0</b>	78.4
<b>SY Wolverine</b>	<b>75.5</b>	<b>64.1</b>	<b>75.0</b>	<b>63.5</b>	<b>60.6</b>	<b>65.1</b>	57.6	<b>39.9</b>	<b>84.5</b>
<b>AP EverRock</b>	<b>74.7</b>	63.2	<b>74.2</b>	62.8	<b>55.1</b>	<b>64.4</b>	<b>58.9</b>	<b>37.7</b>	68.7
<b>AP Bigfoot</b>	73.9	<b>64.7</b>	72.9	<b>63.8</b>	53.3	63.9	57.2	<b>35.4</b>	67.2
<b>AP Roadrunner</b>	73.1	62.1	<b>73.2</b>	61.2	<b>60.3</b>	62.9	<b>62.7</b>	<b>38.2</b>	<b>79.9</b>
<b>Bob Dole</b>	72.2	63.5	71.9	62.9	53.8	63.5	<b>59.0</b>	33.8	68.5
<b>SY Monument</b>	71.8	62.1	70.5	61.2	<b>58.6</b>	63.8	<b>60.9</b>	<b>40.3</b>	74.7
<b>SY Rugged</b>	70.3	61.5	69.0	61.3	<b>55.4</b>	62.8	<b>63.6</b>	33.1	69.6
<b>SY 517 CL2</b>	68.3	<b>64.7</b>	66.6	<b>64.6</b>	51.9	<b>65.5</b>	50.2	30.6	74.8
<b>SY Benefit</b>	68.2	63.6	67.0	62.6	<b>54.7</b>	63.9	57.1	30.0	77.0
<b>SY Achieve CL2</b>	65.1	63.8	63.7	63.1	48.7	63.8	48.9	29.4	67.7
<b>AP Longjack</b>					48.5	60.3	47.7	31.9	65.9
WB4699	<b>75.7</b>	63.0	<b>74.8</b>	62.1	<b>59.6</b>	<b>64.0</b>	<b>61.6</b>	<b>36.4</b>	<b>80.9</b>
WB4269	73.3	<b>64.6</b>	72.2	<b>63.5</b>	<b>57.2</b>	63.6	55.4	<b>38.7</b>	77.5
AG Icon	70.9	63.2	69.3	62.7	<b>55.8</b>	63.0	<b>58.4</b>	<b>36.5</b>	72.5
LCS Revere	70.7	62.7	69.7	62.5	<b>54.5</b>	63.7	57.2	31.5	74.8
Green Hammer	66.8	63.4	66.8	63.2	50.1	<b>64.4</b>	52.6	32.2	65.6
Zenda	66.5	64.0	66.4	<b>63.7</b>	50.1	<b>64.5</b>	52.5	30.2	67.7
WB4401			<b>77.5</b>	63.3	<b>55.9</b>	62.5	56.0	32.0	<b>79.6</b>
KS Hatchett			<b>74.4</b>	63.1	<b>58.4</b>	63.5	<b>58.1</b>	<b>37.9</b>	<b>79.3</b>
LCS Helix AX					<b>56.9</b>	<b>65.3</b>	<b>60.6</b>	<b>39.0</b>	71.3
Strad CL+					50.6	<b>64.4</b>	48.3	32.7	70.8
Uncharted					49.4	63.3	50.8	30.4	66.9
Mean General	71.7	63.4	71.4	62.9	83.1	61.8	56.7	35.7	74.3
LSD General (5%) EE	3.0	0.9	4.6	1.2	6.2	1.5	5.9	5.0	6.9
CV (Effective)	5.3	1.7	5.6	1.4	5.1	1.6	6.4	8.5	5.7

*Boldfaced numbers are within confidence interval at specific locations and combined years of yield data.*

#### Locations

2020 — Conway Springs, Partridge, and Pratt, KS; Carrier, OK  
 2021 — Conway Springs, Partridge, and Pratt, KS; Carrier, OK  
 2022 — Conway Springs, and Partridge, KS; Carrier, OK