

## 2023 South-Central Kansas, North-Central Oklahoma Summary, Three-Year Data

### Syngenta Commercial Variety Wheat Performance Test, 2021-2023

Variety	3-Yr Combined (2021-2023)		2-Yr Combined (2022-2023)		Combined (2023)		Conway Springs, 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
Hard Winter Wheat								
<b>AP Prolific</b>	<b>69.6</b>	63.1	<b>54.6</b>	<b>63.4</b>	<b>46.5</b>	60.6	<b>31.7</b>	<b>61.4</b>
<b>AP18 AX</b>	<b>68.8</b>	62.2	<b>51.3</b>	61.9	38.8	59.0	23.8	53.8
<b>SY Wolverine</b>	<b>68.1</b>	62.9	<b>54.0</b>	<b>63.3</b>	<b>43.9</b>	59.8	26.0	<b>61.9</b>
<b>AP Roadrunner</b>	<b>67.3</b>	60.9	<b>54.8</b>	61.8	<b>46.6</b>	59.6	<b>30.9</b>	<b>62.2</b>
<b>AP EverRock</b>	<b>66.4</b>	62.2	48.8	62.6	39.4	59.2	23.4	55.4
<b>Bob Dole</b>	<b>65.4</b>	62.4	49.4	62.2	<b>42.8</b>	59.5	28.0	<b>57.5</b>
<b>SY Monument</b>	<b>65.4</b>	61.1	<b>54.1</b>	62.6	<b>47.3</b>	60.3	<b>30.1</b>	<b>64.5</b>
<b>AP Bigfoot</b>	64.9	63.1	46.6	62.3	36.7	59.0	20.8	52.6
<b>SY Rugged</b>	62.7	61.0	49.5	61.7	<b>40.7</b>	59.5	25.2	56.2
<b>SY 517 CL2</b>	59.7	64.2	45.4	<b>64.3</b>	35.7	<b>62.0</b>	22.7	48.7
<b>SY Achieve CL2</b>	58.7	62.9	45.7	62.9	<b>41.2</b>	<b>61.1</b>	28.3	54.2
<b>AP Longjack</b>			46.7	59.0	<b>43.9</b>	56.3	25.9	<b>61.9</b>
<b>AP Baldy</b>			41.9	60.4	34.3	56.3	20.6	48.1
WB4401	<b>69.4</b>	62.8	50.0	61.6	<b>41.2</b>	59.8	25.3	<b>57.0</b>
KS Hatchett	<b>67.0</b>	62.7	<b>51.5</b>	62.5	<b>41.1</b>	60.5	23.3	<b>58.9</b>
WB4269	<b>65.5</b>	63.1	<b>51.1</b>	62.5	<b>41.9</b>	60.5	28.3	55.5
Strad CL+			46.6	63.0	<b>40.7</b>	60.3	27.4	54.0
Uncharted			44.0	62.0	36.0	59.5	20.4	51.6
Rockstar					<b>45.0</b>	60.3	25.5	<b>64.5</b>
Showdown					<b>44.7</b>	<b>60.9</b>	<b>31.6</b>	<b>57.7</b>
KS Providence					<b>43.3</b>	60.3	<b>29.6</b>	<b>56.9</b>
LCS Atomic AX					<b>42.4</b>	<b>60.8</b>	27.8	<b>57.0</b>
WB4523					<b>41.5</b>	59.7	28.1	54.9
Mean General	65.5	0.0	49.8	62.2	41.2	59.5	25.5	56.8
LSD General (5%) EE	4.3	0.0	4.3	1.1	6.7	1.3	2.9	8.1
CV (Effective)	6.0	1.1	7.4	1.1	9.0	1.4	6.9	8.7

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

#### Locations

2021 — Conway Springs, Partridge, and Pratt, KS; Carrier, OK  
 2022 — Conway Springs, and Partridge, KS; Carrier, OK  
 2023 — Conway Springs, KS; Carrier, OK