

## 2024 South-Central Kansas, North-Central Oklahoma Summary, Three-Year Data

### Syngenta Commercial Variety Wheat Performance Test, 2022-2024

Variety	3-Yr Combined (2022-2024)		2-Yr Combined (2023-2024)		Combined (2024)		Conway Springs, KS	Pratt, 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>AP24 AX</b>	57.6	62.7	54.1	62.4	<b>62.6</b>	<b>63.7</b>	<b>75.2</b>	36.5	<b>76.2</b>
<b>SY Monument</b>	57.5	<b>63.7</b>	56.9	<b>63.7</b>	<b>63.2</b>	<b>64.8</b>	63.8	<b>46.9</b>	<b>79.0</b>
<b>AP Prolific</b>	57.3	<b>64.1</b>	55.7	<b>63.7</b>	<b>61.8</b>	<b>64.7</b>	61.5	<b>42.5</b>	<b>81.4</b>
<b>AP Roadrunner</b>	56.4	61.4	54.0	60.6	59.0	61.0	63.8	34.8	<b>78.3</b>
<b>SY Wolverine</b>	55.8	<b>64.5</b>	52.8	<b>64.2</b>	58.7	<b>65.6</b>	56.6	<b>44.6</b>	75.0
<b>AP18 AX</b>	55.4	63.0	52.8	62.9	<b>62.2</b>	<b>64.2</b>	<b>70.7</b>	37.3	<b>78.5</b>
<b>AP Sunbird</b>	53.7	<b>64.0</b>	52.0	<b>64.1</b>	<b>62.0</b>	<b>66.1</b>	<b>69.5</b>	<b>45.5</b>	70.9
<b>Bob Dole</b>	53.6	62.9	53.5	62.5	60.6	<b>63.6</b>	62.0	40.1	<b>79.7</b>
<b>AP EverRock</b>	52.4	<b>63.6</b>	50.8	<b>63.2</b>	58.4	<b>64.6</b>	60.0	37.5	<b>77.7</b>
<b>AP Bigfoot</b>	52.0	<b>63.9</b>	51.3	<b>63.9</b>	61.0	<b>65.6</b>	61.7	<b>45.3</b>	76.0
WB4401	53.6	<b>63.7</b>	52.3	<b>64.4</b>	59.7	<b>65.9</b>	63.2	31.7	<b>84.1</b>
Showdown			59.7	<b>64.4</b>	<b>69.7</b>	<b>65.6</b>	<b>77.0</b>	<b>47.2</b>	<b>85.1</b>
Rockstar			56.5	62.4	<b>64.2</b>	<b>63.1</b>	62.9	<b>49.3</b>	<b>80.4</b>
KS Providence			56.0	<b>63.4</b>	<b>64.4</b>	<b>64.4</b>	<b>71.1</b>	38.7	<b>83.4</b>
LCS Atomic AX			54.3	<b>64.8</b>	<b>62.3</b>	<b>66.2</b>	65.8	<b>42.9</b>	<b>78.2</b>
WB4523			52.9	<b>63.7</b>	60.5	<b>65.0</b>	56.2	39.9	<b>85.4</b>
KS Hatchett			52.9	<b>63.5</b>	60.8	<b>64.5</b>	65.8	39.5	<b>77.0</b>
WB4422					<b>61.3</b>	<b>64.6</b>	63.5	<b>43.5</b>	<b>77.0</b>
KS Mako					59.0	<b>65.5</b>	58.7	<b>49.9</b>	68.3
Mean General	55.0	63.4	53.8	63.5	59.7	64.0	62.2	41.2	75.7
LSD General (5%) EE	NS	1.4	NS	1.9	8.5	3.7	7.7	8.6	9.3
CV (Effective)	7.9	1.7	8.7	2.0	8.8	2.2	7.6	12.8	7.5

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

NS = Non Significant

#### Locations

2022 — Conway Springs and Partridge, KS; Carrier, OK

2023 — Conway Springs, KS; Carrier, OK

2024 — Conway Springs and Pratt, KS; Carrier, OK