

## 2023 Central Plains Dryland 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)		Belleville, KS	Junction City, KS	Conway Springs, KS	Salina, 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	Yield Bu/A	Yield Bu/A
Hard Winter Wheat											
<b>SY Wolverine</b>	<b>67.3</b>	62.9	<b>58.3</b>	<b>62.8</b>	<b>52.9</b>	<b>60.5</b>	<b>24.9</b>	<b>104.3</b>	26.0	<b>47.3</b>	<b>61.9</b>
<b>AP18 AX</b>	<b>66.9</b>	61.9	<b>55.0</b>	61.7	<b>48.2</b>	<b>59.9</b>	23.9	94.0	23.8	<b>45.3</b>	53.8
<b>AP Prolific</b>	<b>66.0</b>	62.3	<b>55.4</b>	62.3	<b>49.6</b>	<b>60.1</b>	22.7	89.0	<b>31.7</b>	<b>43.2</b>	<b>61.4</b>
<b>AP Roadrunner</b>	<b>66.0</b>	60.6	<b>58.0</b>	61.3	<b>53.4</b>	59.5	<b>27.4</b>	<b>100.0</b>	<b>30.9</b>	<b>46.5</b>	<b>62.2</b>
<b>AP Bigfoot</b>	<b>64.9</b>	62.9	52.8	62.3	<b>48.6</b>	<b>60.6</b>	23.8	<b>103.1</b>	20.8	<b>42.8</b>	52.6
<b>SY Monument</b>	64.0	60.6	56.1	60.8	<b>52.1</b>	58.6	<b>26.6</b>	88.3	<b>30.1</b>	<b>50.9</b>	<b>64.5</b>
<b>AP EverRock</b>	63.8	62.0	51.9	61.9	47.3	59.6	23.7	91.8	23.4	<b>42.3</b>	55.4
<b>Bob Dole</b>	63.0	61.6	51.7	61.1	<b>48.0</b>	59.7	22.3	84.7	28.0	<b>47.5</b>	<b>57.5</b>
<b>SY Rugged</b>	62.0	61.1	53.0	61.4	<b>48.4</b>	<b>60.2</b>	24.2	91.3	25.2	<b>45.4</b>	56.2
<b>SY 517 CL2</b>	60.1	<b>64.1</b>	50.4	<b>63.9</b>	45.8	<b>61.8</b>	20.3	<b>100.1</b>	22.7	37.1	48.7
<b>SY Achieve CL2</b>	57.7	62.9	48.7	62.6	45.1	<b>61.1</b>	18.8	86.6	28.3	37.7	54.2
<b>AP Longjack</b>			49.4	55.9	<b>48.3</b>	53.9	20.6	94.6	25.9	38.6	<b>61.9</b>
<b>AP Baldy</b>			46.1	59.2	42.5	56.7	<b>24.8</b>	81.7	20.6	37.4	48.1
WB4401	<b>67.2</b>	62.6	54.3	61.9	<b>49.1</b>	<b>60.5</b>	21.8	<b>101.6</b>	25.3	39.5	<b>57.0</b>
KS Hatchett	<b>65.1</b>	62.4	53.7	62.0	47.6	<b>60.6</b>	22.9	93.4	23.3	39.7	<b>58.9</b>
WB4269	63.6	62.8	54.3	62.4	<b>49.8</b>	<b>60.9</b>	<b>25.6</b>	<b>97.0</b>	28.3	<b>42.6</b>	55.5
Strad CL+			49.3	61.8	45.6	59.7	22.7	84.2	27.4	40.0	54.0
Uncharted			48.0	61.5	44.0	59.7	<b>25.1</b>	84.4	20.4	38.7	51.6
KS Providence					<b>49.6</b>	<b>60.5</b>	23.6	97.1	<b>29.6</b>	40.6	<b>56.9</b>
Rockstar					<b>49.2</b>	58.0	23.8	93.7	25.5	38.4	<b>64.5</b>
Showdown					<b>48.9</b>	<b>60.0</b>	21.6	94.2	<b>31.6</b>	39.6	<b>57.7</b>
WB4523					<b>47.9</b>	58.9	<b>24.6</b>	<b>95.0</b>	28.1	36.7	54.9
LCS Atomic AX					46.6	<b>61.4</b>	<b>25.9</b>	81.4	27.8	<b>41.1</b>	<b>57.0</b>
Mean General	64.0	62.2	53.2	61.5	47.8	59.5	23.2	93.0	25.5	40.4	56.8
LSD General (5%) EE	3.1	0.8	3.5	1.1	5.6	2.1	3.2	9.6	2.9	9.9	8.1
CV (Effective)	6.6	1.6	7.7	1.5	9.5	2.0	8.3	6.3	6.9	15.0	8.7

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

### Locations

2021 — Belleville, Conway Springs, Partridge, Pratt, and Salina, KS; Carrier, OK

2022 — Belleville, Conway Springs, Junction City, and Partridge, KS; Carrier, OK

2023 — Belleville, Conway Springs, Junction City, and Salina, KS; Carrier, OK