

## 2022 Central Plains Dryland Summary, Three-Year Data

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

Variety	3-Yr Combined (2020-2022)		2-Yr Combined (2021-2022)		Combined (2022)		Belleville, KS	Junction City, KS	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	Yield Bu/A	Yield Bu/A
Hard Winter Wheat											
<b>AP18 AX</b>	<b>75.0</b>	62.0	<b>75.4</b>	62.5	<b>61.8</b>	63.0	<b>56.0</b>	<b>74.2</b>	<b>60.2</b>	<b>38.3</b>	<b>80.2</b>
<b>SY Wolverine</b>	<b>74.0</b>	63.2	<b>73.8</b>	63.6	<b>63.8</b>	<b>64.5</b>	<b>60.7</b>	<b>76.1</b>	57.6	<b>39.9</b>	<b>84.5</b>
<b>AP Prolific</b>	<b>73.8</b>	62.8	<b>73.5</b>	62.9	<b>61.3</b>	<b>64.0</b>	54.4	<b>72.0</b>	<b>62.6</b>	<b>39.0</b>	<b>78.4</b>
<b>AP Bigfoot</b>	<b>73.3</b>	63.4	<b>72.3</b>	63.6	57.1	63.6	<b>58.7</b>	66.8	57.2	<b>35.4</b>	67.2
<b>AP EverRock</b>	72.1	62.3	71.4	62.7	56.5	63.6	53.3	63.7	<b>58.9</b>	<b>37.7</b>	68.7
<b>AP Roadrunner</b>	71.1	61.1	71.7	60.9	<b>62.6</b>	62.7	<b>61.2</b>	<b>71.1</b>	<b>62.7</b>	<b>38.2</b>	<b>79.9</b>
<b>SY MONUMENT</b>	70.2	61.4	69.4	61.2	<b>60.2</b>	62.5	<b>60.0</b>	64.9	<b>60.9</b>	<b>40.3</b>	74.7
<b>Bob Dole</b>	69.8	62.2	69.8	62.1	55.4	62.2	55.1	60.9	<b>59.0</b>	<b>33.8</b>	68.5
<b>SY Rugged</b>	68.2	61.0	68.2	61.4	57.5	62.3	<b>57.3</b>	63.8	<b>63.6</b>	33.1	69.6
<b>SY 517 CL<sup>2</sup></b>	67.1	<b>64.4</b>	66.6	<b>64.8</b>	55.1	<b>65.5</b>	49.7	<b>70.3</b>	50.2	30.6	74.8
<b>SY Benefit</b>	66.3	62.8	65.6	62.7	55.5	63.5	49.4	63.9	57.1	30.0	77.0
<b>SY Achieve CL<sup>2</sup></b>	63.6	63.3	63.5	63.4	52.3	63.7	48.1	67.3	48.9	29.4	67.7
<b>AP Longjack</b>					50.6	57.5	53.9	53.5	47.7	31.9	65.9
WB4699	<b>75.4</b>	62.0	<b>73.7</b>	61.7	<b>61.3</b>	62.7	<b>56.7</b>	<b>70.8</b>	<b>61.6</b>	<b>36.4</b>	<b>80.9</b>
WB4269	71.2	<b>63.7</b>	69.9	63.4	<b>58.8</b>	63.5	52.7	<b>69.9</b>	55.4	<b>38.7</b>	77.5
AG Icon	69.5	62.4	68.0	62.5	57.2	62.3	<b>59.3</b>	59.1	<b>58.4</b>	<b>36.5</b>	72.5
LCS Revere	68.2	62.4	68.6	62.9	56.7	63.8	<b>56.0</b>	63.8	57.2	31.5	74.8
Green Hammer	64.0	62.8	63.2	63.0	51.3	63.6	47.4	58.8	52.6	32.2	65.6
Zenda	64.0	63.1	63.4	63.3	52.4	63.8	47.8	63.9	52.5	30.2	67.7
WB4401			<b>75.4</b>	63.3	<b>59.6</b>	63.0	<b>57.6</b>	<b>72.7</b>	56.0	32.0	<b>79.6</b>
KS Hatchett			<b>73.0</b>	62.9	<b>59.8</b>	63.0	54.8	68.9	<b>58.1</b>	<b>37.9</b>	<b>79.3</b>
LCS Helix AX					<b>59.3</b>	<b>64.5</b>	<b>58.0</b>	67.6	<b>60.6</b>	<b>39.0</b>	71.3
Strad CL+					53.0	63.4	50.1	63.2	48.3	32.7	70.8
Uncharted					52.0	62.9	45.6	66.1	50.8	30.4	66.9
Mean General	69.8	62.6	69.8	62.7	83.1	61.8	54.7	67.3	56.7	35.7	74.3
LSD General (5%) EE	2.8	0.8	3.6	0.9	6.2	1.5	5.4	6.4	5.9	5.0	6.9
CV (Effective)	5.6	1.8	5.8	1.4	5.1	1.6	6.0	5.8	6.4	8.5	5.7

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

#### Locations

2020 — Belleville, Conway Springs, Junction City, Partridge, Pratt, and Salina, KS; Carrier, OK

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

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