

## 2024 Western Plains Dryland 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)		Crook, CO	Julesburg, CO	Ingalls, KS
	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>AP Sunbird</b>	<b>58.9</b>	<b>59.1</b>	<b>69.4</b>	58.1	<b>71.4</b>	<b>59.6</b>	<b>74.1</b>	<b>78.9</b>	<b>56.2</b>
<b>AP18 AX</b>	<b>58.8</b>	57.7	<b>69.4</b>	57.4	<b>67.7</b>	57.5	<b>69.6</b>	68.1	<b>64.2</b>
<b>AP Bigfoot</b>	<b>58.2</b>	59.0	<b>67.9</b>	<b>58.7</b>	<b>69.0</b>	59.1	<b>69.5</b>	<b>75.7</b>	<b>58.3</b>
<b>AP24 AX</b>	<b>57.9</b>	56.5	<b>67.7</b>	56.4	63.9	56.4	<b>70.7</b>	67.5	48.3
<b>SY Wolverine</b>	54.7	58.6	64.4	58.3	65.2	<b>59.4</b>	66.0	<b>77.3</b>	46.0
<b>AP Solid</b>	53.3	<b>59.1</b>	62.9	58.3	62.2	58.2	<b>70.5</b>	67.2	42.2
<b>AP Roadrunner</b>	51.7	55.6	62.0	55.8	61.7	55.9	62.4	64.3	<b>57.0</b>
<b>SY Legend CL2</b>	50.8	58.1	59.5	57.7	59.8	58.0	63.6	65.9	44.9
<b>SY Monument</b>	50.7	56.8	59.3	56.9	53.5	57.3	60.1	57.6	37.3
Langin	<b>58.1</b>	57.8	<b>66.8</b>	56.9	<b>70.3</b>	57.7	<b>70.2</b>	<b>75.8</b>	<b>62.3</b>
High Country	<b>57.0</b>	<b>59.3</b>	<b>65.6</b>	<b>59.0</b>	<b>67.3</b>	59.2	64.1	<b>72.7</b>	<b>64.0</b>
AG Golden	54.9	55.4	64.2	55.4	62.2	55.9	67.0	68.6	45.6
WB4595	54.5	<b>59.8</b>	63.7	<b>59.4</b>	65.0	<b>59.9</b>	61.6	<b>78.1</b>	50.5
TAM 114	54.4	<b>59.9</b>	<b>67.3</b>	<b>59.4</b>	65.4	<b>60.3</b>	64.9	<b>74.4</b>	<b>52.8</b>
KS Hamilton	53.5	58.2	62.5	58.2	62.4	58.3	60.0	66.0	<b>60.5</b>
KS Dallas	53.0	58.2	<b>65.7</b>	58.4	59.3	58.2	63.4	72.2	33.5
WB4422			<b>65.5</b>	58.4	<b>67.1</b>	59.1	<b>74.2</b>	67.3	<b>56.3</b>
Amplify SF			64.8	57.4	62.0	57.8	<b>72.3</b>	65.7	40.9
TAM 115			56.9	<b>59.5</b>	51.7	59.4	53.2	53.9	46.3
Kivari AX					66.1	56.2	<b>73.6</b>	65.9	<b>55.2</b>
Byrd CL+					65.9	58.1	65.5	<b>73.9</b>	<b>54.5</b>
Mean General	55.0	58.1	64.6	57.9	64.6	57.9	64.4	67.6	50.5
LSD General (5%) EE	3.0	0.8	4.5	0.9	4.5	0.9	5.0	6.2	12.9
CV (Effective)	11.0	2.8	10.3	2.4	10.3	2.4	4.7	5.6	12.5

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

#### Locations

2022 — Crook, Julesburg, and Yuma, CO; Colby, Goodland, Ingalls, and Scott City, KS

2023 — Julesburg and Yuma, CO; Colby, KS

2024 — Crook, and Julesburg, CO; Ingalls, KS