

## 2021 South Dakota Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2019-2021

Variety	3-Yr Combined (2019-2021)		2-Yr Combined (2020-2021)		Combined (2021)		Hayes, SD	Ideal, SD
	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 Bigfoot</b>	<b>82.2</b>	59.6	<b>78.2</b>	60.4	<b>56.3</b>	59.4	<b>50.0</b>	<b>62.5</b>
<b>AP Clair</b>	<b>81.2</b>	59.9	<b>78.1</b>	60.8	<b>59.7</b>	59.8	<b>56.2</b>	<b>63.2</b>
<b>AP18 AX</b>	78.2	59.0	74.1	59.8	52.5	59.6	48.3	56.7
<b>SY Wolverine</b>	77.2	59.1	<b>76.3</b>	60.1	<b>57.6</b>	60.0	<b>54.7</b>	<b>60.4</b>
<b>SY Sunrise</b>	76.2	59.2	74.4	60.0	<b>55.4</b>	60.4	<b>51.9</b>	<b>58.9</b>
<b>SY Wolf</b>	75.2	59.5	75.5	60.8	<b>55.1</b>	60.2	<b>50.3</b>	<b>59.9</b>
<b>SY Monument</b>	74.5	58.2	71.8	59.3	52.7	58.8	46.5	<b>59.0</b>
<b>SY 517 CL2</b>	69.6	<b>60.9</b>	68.3	<b>61.8</b>	46.7	61.8	48.6	44.8
<b>AP503 CL2</b>	67.2	<b>60.2</b>	66.4	<b>61.0</b>	49.8	61.0	44.7	55.0
WB4462	<b>78.8</b>	59.7	75.5	60.7	<b>58.1</b>	59.4	<b>53.4</b>	<b>62.8</b>
Ideal	76.7	59.9	75.2	60.8	<b>58.1</b>	58.8	<b>51.8</b>	<b>64.5</b>
Thompson	76.5	60.1	73.9	<b>61.0</b>	<b>55.0</b>	59.7	49.3	<b>60.7</b>
Redfield	75.6	59.9	71.2	60.7	53.0	59.2	<b>49.6</b>	56.3
Oahe	73.7	<b>60.7</b>	70.8	<b>61.6</b>	<b>55.1</b>	60.7	<b>51.3</b>	<b>58.9</b>
Winner			<b>79.6</b>	60.2	<b>59.2</b>	59.3	<b>57.0</b>	<b>61.5</b>
Draper			73.1	59.9	<b>55.9</b>	59.3	<b>53.6</b>	<b>58.2</b>
Crescent AX			71.6	<b>61.5</b>	50.9	61.6	<b>52.6</b>	49.3
WB4309					<b>54.8</b>	59.6	<b>49.7</b>	<b>60.0</b>
SD Andes					<b>54.5</b>	60.7	49.2	<b>59.8</b>
Mean General	76.1	59.7	73.7	60.5	54.8	59.8	51.1	58.5
LSD General (5%) EE	3.8	0.7	3.7	0.8	5.3	ns	7.5	6.7
CV (Effective)	6.2	1.3	5.1	1.2	8.5	1.5	9.1	7.1

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

#### Locations

2019 — Agar, Hayes, Ideal, and Reliance, SD

2020 — Agar, Hayes, Ideal, and Reliance, SD

2021 — Hayes and Ideal, SD