

## 2019 Montana Summary—Syngenta Dryland Trial Results

### Syngenta Commercial Variety Wheat Performance Test

Variety	3-Yr Combined (2017-2019)		Combined (2019)		Fort Benton, MT	Shelby, MT	Conrad, MT
	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>SY Monument</b>	<b>55.2</b>	61	<b>49.4</b>	62	<b>58.8</b>	43.2	<b>46.1</b>
<b>SY Wolverine</b>	<b>51.6</b>	62	<b>45.4</b>	<b>63</b>	<b>57.1</b>	35.1	<b>43.9</b>
<b>SY Clearstone CL<sup>2</sup></b>	<b>51.6</b>	60	<b>46.9</b>	61	<b>50.6</b>	<b>46.5</b>	<b>43.6</b>
<b>SY 517 CL<sup>2</sup></b>	50.7	<b>63</b>	42.5	<b>63</b>	<b>52.0</b>	38.6	36.9
<b>SY Wolf</b>	49.9	62	42.9	62	48.8	40.3	39.6
<b>SY Legend CL<sup>2</sup></b>	49.4	61	42.4	62	43.4	39.9	<b>43.9</b>
<b>SY Sunrise</b>	48.9	<b>63</b>	<b>44.0</b>	<b>63</b>	<b>50.4</b>	44.2	37.5
<b>AP503 CL<sup>2</sup></b>	45.0	<b>62</b>	40.2	<b>63</b>	<b>53.7</b>	35.3	31.5
<b>AP Redeye</b>			<b>50.4</b>	61	<b>56.0</b>	<b>52.7</b>	<b>42.6</b>
<b>Whetstone</b>			<b>45.6</b>	63	<b>56.8</b>	42.0	37.8
<b>AP18 AX</b>			<b>45.2</b>	62	<b>53.7</b>	44.7	37.2
WB4614	<b>55.9</b>	<b>62</b>	<b>49.4</b>	<b>63</b>	<b>55.4</b>	<b>49.3</b>	<b>43.5</b>
Keldin	<b>53.7</b>	62	<b>47.4</b>	63	49.2	<b>49.3</b>	<b>43.5</b>
Northern	<b>51.8</b>	62	<b>48.1</b>	<b>63</b>	<b>52.3</b>	<b>48.3</b>	<b>43.6</b>
Decade	50.1	62	<b>45.1</b>	<b>63</b>	<b>53.8</b>	41.6	40.0
Yellowstone	49.1	61	41.9	62	45.4	41.0	39.3
Warhorse	48.8	62	43.2	<b>63</b>	45.6	42.0	<b>41.9</b>
WB4623CLP	47.7	62	42.1	<b>63</b>	46.2	41.5	38.6
fourOsix			<b>49.5</b>	62	<b>52.7</b>	<b>52.3</b>	<b>43.3</b>
WB4483			<b>48.8</b>	62	<b>53.2</b>	45.3	<b>47.8</b>
Loma			<b>46.9</b>	62	45.6	<b>51.6</b>	<b>43.6</b>
LCS Jet			<b>45.7</b>	59	<b>52.4</b>	<b>47.5</b>	37.2
Brawl CL+			41.1	<b>64</b>	<b>49.8</b>	40.5	33.1
Mean General	50.7	61.7	44.9	62.6	52.6	42.8	39.5
LSD General (5%) EE	4.32	1.05	6.50	1.23	9.2	7.3	7.3
CV (Effective)	9.19	1.35	10.92	1.21	10.7	10.5	11.4

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

*Locations*

2017 - Conrad and Fort Benton, MT

2018 - NA

2019 - Conrad, Fort Benton and Shelby, MT

*Most sites in 2017-19 treated with Trivapro® fungicide.*

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