

## 2021 Plains Irrigated 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)		Hugoton, KS	Ingalls, KS	Scott City, KS	Dalhart, TX
	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
Hard Winter Wheat										
<b>SY Wolverine</b>	<b>97.3</b>	60.2	<b>93.9</b>	60.3	<b>106.9</b>	56.4	121.9	118.7	<b>102.7</b>	84.2
<b>AP EverRock</b>	<b>97.2</b>	60.0	<b>93.6</b>	60.5	<b>109.8</b>	57.8	117.3	120.9	<b>101.8</b>	<b>99.2</b>
<b>SY Sunrise</b>	<b>96.9</b>	61.0	<b>98.9</b>	61.4	<b>113.0</b>	59.1	126.0	<b>130.3</b>	<b>103.9</b>	92.0
<b>AP Roadrunner</b>	<b>96.8</b>	60.0	<b>100.0</b>	61.4	<b>111.7</b>	58.5	<b>130.2</b>	118.1	93.4	<b>104.9</b>
<b>AP18 AX</b>	<b>95.6</b>	60.4	92.2	61.1	<b>109.5</b>	58.7	<b>130.0</b>	<b>123.4</b>	78.5	<b>106.1</b>
<b>SY Rugged</b>	<b>92.4</b>	60.5	89.6	61.4	99.7	58.7	108.2	107.2	88.5	<b>94.9</b>
<b>SY Grit</b>	91.6	60.4	89.3	61.3	<b>108.6</b>	59.7	<b>127.6</b>	112.3	<b>102.0</b>	<b>92.5</b>
<b>SY Monument</b>	90.8	59.9	89.4	60.7	99.3	58.0	113.6	103.7	<b>97.2</b>	82.8
<b>AP Bigfoot</b>			<b>93.1</b>	61.7	<b>109.9</b>	59.3	123.5	116.9	<b>105.0</b>	<b>94.1</b>
Canvas	<b>96.4</b>	61.2	<b>100.0</b>	<b>63.2</b>	<b>112.1</b>	<b>62.0</b>	<b>129.8</b>	117.1	<b>97.9</b>	<b>103.7</b>
WB-Grainfield	<b>92.4</b>	60.7	89.6	61.2	<b>108.8</b>	58.4	<b>132.6</b>	<b>125.5</b>	90.8	86.4
TAM 114	91.8	61.0	88.8	61.8	102.0	58.7	121.2	115.8	88.8	82.4
Ruth	86.8	60.5	85.8	61.1	<b>108.4</b>	59.1	117.5	<b>133.7</b>	92.1	90.2
WB4792			<b>100.9</b>	<b>62.3</b>	<b>113.4</b>	59.6	<b>135.4</b>	113.5	<b>107.7</b>	<b>97.1</b>
Lonerider			<b>100.8</b>	61.3	<b>112.7</b>	58.4	123.9	<b>123.4</b>	<b>105.7</b>	<b>97.5</b>
Langin			89.8	60.7	101.7	58.0	116.6	104.6	87.1	<b>98.6</b>
TAM 115			79.7	<b>62.2</b>	90.0	58.9	109.0	99.5	74.5	76.9
WB4418					<b>105.5</b>	59.2	117.4	120.2	<b>97.0</b>	87.5
Mean General	93.8	60.5	93.0	61.5	106.2	58.4	122.3	115.6	93.8	93.1
LSD General (5%) EE	5.3	ns	8.0	1.3	9.7	2.0	8.4	10.6	12.5	13.6
CV (Effective)	7.0	2.0	7.6	1.9	6.6	3.7	4.2	5.6	8.1	8.9

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

#### Locations

2019 — Colby, Garden City, Hugoton and Ingalls, KS; Imperial, NE; Bushland and Dalhart, TX

2020 — Garden City, Hugoton, KS; Bushland, TX

2021 — Hugoton, Ingalls, and Scott City, KS; Dalhart, TX