

2018 Central Kansas/North-Central Oklahoma Summary  
 —Syngenta Dryland Trial Results  
**Syngenta Commercial Variety Wheat Performance Test**

Variety	3-Yr Combined (2016-2018)		2-Yr Combined (2017-2018)			Combined (2018)		Conway Springs, KS	Pratt, KS
	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	% Variety Mean	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	Yield Bu/A
Hard Winter Wheat									
<b>SY Monument</b>	<b>72.5</b>	62	<b>69.1</b>	105	61	<b>52.1</b>	60	<b>64.5</b>	39.6
<b>SY Grit</b>	<b>70.8</b>	61	<b>66.5</b>	101	60	45.7	60	54.7	36.7
<b>SY Wolf</b>	69.4	62	<b>66.7</b>	102	60	47.6	61	55.7	39.5
<b>SY Rugged</b>	69.3	62	60.3	92	60	44.8	60	55.6	34.1
<b>SY Benefit</b>	69.0	63	65.3	100	61	45.1	61	54.7	35.5
<b>SY Achieve CL<sup>2</sup></b>	69.0	63	62.2	95	62	42.4	60	51.0	33.8
<b>SY Flint</b>	68.3	62	63.4	97	61	47.9	62	58.7	37.1
<b>SY 517 CL<sup>2</sup></b>	67.5	62	63.8	97	61	46.6	62	57.3	35.9
<b>AP503 CL<sup>2</sup></b>	66.6	63	60.8	93	61	42.7	62	52.4	33.0
<b>SY Llano</b>	63.2	63	60.2	92	62	42.7	62	52.2	33.2
<b>Bob Dole</b>						<b>50.8</b>	61	<b>62.6</b>	39.1
Bentley	<b>74.6</b>	62	<b>69.5</b>	106	61	<b>53.6</b>	61	<b>62.5</b>	<b>44.6</b>
Larry	<b>70.9</b>	62	<b>66.1</b>	101	61	43.5	61	52.7	34.4
Gallagher	<b>70.5</b>	62	<b>67.2</b>	102	61	45.4	61	56.8	34.0
WB4458	69.3	62	65.1	99	61	47.0	62	57.1	37.0
Smith's Gold	68.2	62	64.9	99	61	44.7	60	58.0	31.3
Doublestop CL+	67.6	63	63.8	97	62	45.9	63	55.6	36.1
Everest	66.1	64	63.0	96	62	41.8	62	49.0	34.7
WB-Cedar	64.8	62	61.0	93	61	43.3	60	51.2	35.5
Zenda			<b>70.4</b>	107	61	<b>51.2</b>	61	<b>61.4</b>	<b>40.9</b>
WB4303			<b>68.6</b>	105	60	47.0	60	57.8	36.3
WB-Grainfield			<b>65.5</b>	100	60	47.8	61	<b>62.9</b>	32.7
LCS Chrome			62.9	96	60	47.5	61	<b>59.1</b>	35.8
WB4269						<b>49.4</b>	61	<b>59.7</b>	39.2
Mean General	68.8	62.5	65.6		61.0	46.8	61.1	57.2	36.5
LSD General (5%) EE	4.4	0.9	5.1		1.1	4.7	1.3	5.6	4.6
CV (Effective)	7.5	1.7	8.1		1.6	6.68	1.0	6.0	7.7

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

*Locations*

2016 - Conway Springs and South Haven, KS, Carrier, Enid, and Tonkawa, OK

2017 - Pratt, Conway Springs, and South Haven, KS, Tonkawa, OK

2018 - Pratt and Conway Springs, KS— All other sites were lost due to weather condition providing unusable data

Most sites in 2016-18 treated with Trivapro® fungicide.