

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
Hard Winter Wheat	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
SY Monument	72.5	62	69.1	105	61	52.1	60	64.5	39.6
SY Grit	70.8	61	66.5	101	60	45.7	60	54.7	36.7
SY Wolf	69.4	62	66.7	102	60	47.6	61	55.7	39.5
SY Rugged	69.3	62	60.3	92	60	44.8	60	55.6	34.1
SY Benefit	69.0	63	65.3	100	61	45.1	61	54.7	35.5
SY Achieve CL ²	69.0	63	62.2	95	62	42.4	60	51.0	33.8
SY Flint	68.3	62	63.4	97	61	47.9	62	58.7	37.1
SY 517 CL ²	67.5	62	63.8	97	61	46.6	62	57.3	35.9
AP503 CL ²	66.6	63	60.8	93	61	42.7	62	52.4	33.0
SY Llano	63.2	63	60.2	92	62	42.7	62	52.2	33.2
Bob Dole						50.8	61	62.6	39.1
Bentley	74.6	62	69.5	106	61	53.6	61	62.5	44.6
Larry	70.9	62	66.1	101	61	43.5	61	52.7	34.4
Gallagher	70.5	62	67.2	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			70.4	107	61	51.2	61	61.4	40.9
WB4303			68.6	105	60	47.0	60	57.8	36.3
WB-Grainfield			65.5	100	60	47.8	61	62.9	32.7
LCS Chrome			62.9	96	60	47.5	61	59.1	35.8
WB4269						49.4	61	59.7	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.

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