

2020 South-Central Kansas, North-Central Oklahoma Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2018-2020

Variety	3-Yr Combined (2018-2020)		2-Yr Combined (2019-2020)		Combined (2020)		Conway Springs, KS	Partridge, KS	Pratt, KS	Carrier, OK
	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										
SY Wolverine	68.9	62	77.5	62	76.5	65	76.9	76.6	63.4	89.2
Bob Dole	68.4	61	75.2	62	72.9	64	75.4	71.5	61.7	82.8
SY Monument	66.6	60	72.7	60	74.0	63	74.3	77.5	60.0	84.3
SY Wolf	65.0	60	72.4	60	72.3	64	71.4	71.9	60.3	85.7
SY 517 CL2	64.0	63	71.0	63	71.3	65	74.9	73.0	55.3	81.7
SY Grit	63.8	61	70.9	61	70.4	64	72.2	74.4	52.2	82.9
SY Rugged	63.8	60	70.7	60	72.6	62	78.2	74.7	54.1	83.4
SY Benefit	63.2	62	69.9	63	70.2	65	71.1	69.4	56.5	83.8
SY Achieve CL2	60.5	62	67.7	63	67.5	65	71.0	68.5	56.5	73.8
AP18 AX			76.4	62	78.1	64	82.4	81.1	63.1	85.7
WB4303	67.4	59	74.9	60	73.0	63	77.3	77.4	52.8	84.6
WB4269	67.4	63	73.6	64	75.2	66	77.7	75.6	58.4	88.9
Bentley	67.0	61	71.6	61	72.0	64	73.5	73.3	58.7	82.3
Larry	65.4	61	73.9	62	75.2	64	73.6	74.8	60.2	92.3
Zenda	65.2	62	70.3	62	66.7	64	67.8	67.6	52.5	78.9
WB-Grainfield	64.2	61	70.3	62	71.8	65	74.9	78.8	52.9	80.7
Doublestop CL+	63.1	62	69.6	62	70.9	64	69.9	70.9	58.7	84.1
Everest	63.0	63	70.7	63	73.0	65	73.3	74.2	59.6	84.7
LCS Chrome	61.9	60	67.4	60	67.2	63	70.4	67.1	50.1	81.2
WB4699					77.2	64	81.5	80.3	57.3	89.6
Crescent AX					75.9	64	80.8	80.4	61.3	81.0
WB4792					74.1	64	76.1	70.7	61.7	87.8
AG Icon					73.9	64	75.9	73.2	59.6	86.7
LCS Revere					72.6	63	76.8	73.4	60.8	79.3
Showdown					72.5	63	80.6	75.0	59.9	74.6
Green Hammer					67.0	64	66.6	63.4	52.5	85.4
Mean General	62.7	59.9	68.8	60.8	68.3	62.1	75.26	74.39	58.06	84.78
LSD General (5%) EE	2.93	0.98	3.65	1.10	5.38	1.31	5.71	4.34	5.78	6.09
CV (Effective)	6.6	2.1	6.2	2.1	5.4	2.6	4.67	3.59	6.13	4.42

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

Locations

2018 — Conway Springs, Partridge, and Pratt, KS

2019 — Conway Springs, and Partridge, KS; Carrier, OK

2020 — Conway Springs, Partridge, and Pratt, KS; Carrier, OK