

2021 South-Central Kansas, North-Central Oklahoma 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)		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										
AP18 AX	81.6	62.0	84.4	63.4	90.6	62.4	83.8	86.9	93.9	97.9
SY Wolverine	80.5	62.4	81.1	63.9	85.7	62.7	78.8	82.2	84.9	97.0
AP EverRock	80.4	61.8	82.1	62.9	88.5	61.9	81.3	80.9	93.2	98.5
Bob Dole	78.9	62.1	79.2	63.5	85.5	62.6	79.2	80.3	90.6	91.7
SY Grit	77.2	61.4	79.3	62.6	88.1	61.6	83.1	78.5	90.9	100.0
AP Roadrunner	76.1	60.0	77.9	61.9	82.9	60.3	78.2	85.6	83.6	84.2
SY Monument	75.1	60.3	76.7	61.7	79.4	60.0	77.8	76.9	74.3	88.7
SY Wolf	75.0	60.4	76.0	62.4	79.6	61.2	78.7	77.5	76.2	86.1
SY Rugged	73.8	60.2	75.9	61.1	79.1	60.5	77.2	75.3	77.0	87.2
SY 517 CL2	73.4	63.5	74.4	64.5	77.6	64.1	75.8	69.8	84.8	80.1
SY Benefit	72.2	62.5	73.2	63.5	76.3	62.0	74.7	67.2	77.5	85.6
SY Achieve CL2	70.4	62.8	71.2	63.8	75.0	62.8	72.4	68.6	75.2	83.9
AP Bigfoot			81.6	64.9	87.7	63.7	79.1	83.6	85.9	102.1
WB4269	77.1	63.6	79.3	64.9	83.4	63.5	75.3	86.3	86.4	85.6
Zenda	73.3	62.5	72.7	63.9	78.7	63.3	80.3	80.7	73.1	80.6
WB4699			81.7	62.7	86.2	61.2	82.9	82.6	82.8	96.4
Crescent AX			79.8	63.7	83.7	63.1	82.4	79.2	90.2	82.9
Showdown			77.8	62.4	83.1	61.9	83.9	70.5	82.5	95.4
LCS Revere			76.8	62.4	81.1	61.8	77.6	77.9	81.3	87.5
AG Icon			76.6	63.2	79.4	62.6	73.2	78.6	77.4	88.4
Green Hammer			73.1	63.2	79.3	62.6	72.1	74.2	79.0	91.8
WB4401					93.6	63.8	83.8	82.8	101.6	106.4
KS Hatchett					86.4	62.9	75.4	81.0	89.4	99.8
Mean General	75.9	61.8	77.7	63.2	83.1	61.8	79.0	78.9	83.9	90.8
LSD General (5%) EE	3.4	1.0	3.9	1.1	6.2	1.5	5.8	7.4	7.3	7.1
CV (Effective)	5.3	1.8	4.9	1.7	5.1	1.6	4.5	5.7	5.3	4.8

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

Locations

2019 — Conway Springs, and Partridge, KS; Carrier, OK
 2020 — Conway Springs, Partridge, and Pratt, KS; Carrier, OK
 2021 — Conway Springs, Partridge, and Pratt, KS; Carrier, OK