

2024 South-Central Kansas, North-Central Oklahoma Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2022-2024

Variety	3-Yr Combined (2022-2024)		2-Yr Combined (2023-2024)		Combined (2024)		Conway Springs, 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
Hard Winter Wheat									
AP24 AX	57.6	62.7	54.1	62.4	62.6	63.7	75.2	36.5	76.2
SY Monument	57.5	63.7	56.9	63.7	63.2	64.8	63.8	46.9	79.0
AP Prolific	57.3	64.1	55.7	63.7	61.8	64.7	61.5	42.5	81.4
AP Roadrunner	56.4	61.4	54.0	60.6	59.0	61.0	63.8	34.8	78.3
SY Wolverine	55.8	64.5	52.8	64.2	58.7	65.6	56.6	44.6	75.0
AP18 AX	55.4	63.0	52.8	62.9	62.2	64.2	70.7	37.3	78.5
AP Sunbird	53.7	64.0	52.0	64.1	62.0	66.1	69.5	45.5	70.9
Bob Dole	53.6	62.9	53.5	62.5	60.6	63.6	62.0	40.1	79.7
AP EverRock	52.4	63.6	50.8	63.2	58.4	64.6	60.0	37.5	77.7
AP Bigfoot	52.0	63.9	51.3	63.9	61.0	65.6	61.7	45.3	76.0
WB4401	53.6	63.7	52.3	64.4	59.7	65.9	63.2	31.7	84.1
Showdown			59.7	64.4	69.7	65.6	77.0	47.2	85.1
Rockstar			56.5	62.4	64.2	63.1	62.9	49.3	80.4
KS Providence			56.0	63.4	64.4	64.4	71.1	38.7	83.4
LCS Atomic AX			54.3	64.8	62.3	66.2	65.8	42.9	78.2
WB4523			52.9	63.7	60.5	65.0	56.2	39.9	85.4
KS Hatchett			52.9	63.5	60.8	64.5	65.8	39.5	77.0
WB4422					61.3	64.6	63.5	43.5	77.0
KS Mako					59.0	65.5	58.7	49.9	68.3
Mean General	55.0	63.4	53.8	63.5	59.7	64.0	62.2	41.2	75.7
LSD General (5%) EE	NS	1.4	NS	1.9	8.5	3.7	7.7	8.6	9.3
CV (Effective)	7.9	1.7	8.7	2.0	8.8	2.2	7.6	12.8	7.5

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

NS = Non Significant

Locations

2022 — Conway Springs and Partridge, KS; Carrier, OK

2023 — Conway Springs, KS; Carrier, OK

2024 — Conway Springs and Partridge, KS; Carrier, OK