

2024 Central Plains Dryland 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)		Belleville, KS	Conway Springs, KS	Junction City, KS	Palco, KS	Pratt, KS	Salina, 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	Yield Bu/A	Yield Bu/A	Yield Bu/A
Hard Winter Wheat													
AP24 AX	62.1	59.3	60.1	58.8	68.2	59.6	79.9	75.0	80.3	66.0	36.4	63.9	75.9
AP Roadrunner	61.3	59.0	60.9	58.5	66.3	58.3	76.0	63.8	83.9	65.1	34.8	62.7	77.9
SY Wolverine	61.3	60.6	60.3	60.3	65.7	61.1	64.6	56.4	87.3	68.8	44.6	63.7	74.7
AP18 AX	60.0	59.6	59.4	59.2	67.5	59.7	76.8	70.5	75.9	74.6	37.3	59.3	78.2
SY Monument	59.7	59.7	59.6	59.5	65.1	60.7	72.9	63.6	77.9	62.5	46.9	53.3	78.6
AP Sunbird	59.2	60.6	59.0	60.7	66.9	62.0	67.4	69.3	85.8	70.1	45.4	59.4	70.7
AP Prolific	59.1	60.3	58.3	59.8	64.8	60.3	68.9	61.5	73.4	68.4	42.4	58.1	81.1
AP Bigfoot	57.6	60.6	57.9	60.4	64.8	61.3	71.9	61.5	74.2	67.1	45.2	58.2	75.7
AP EverRock	55.9	60.0	55.7	59.4	61.8	60.3	62.7	59.8	80.3	55.6	37.4	59.8	77.3
Bob Dole	55.6	59.5	55.7	59.3	61.3	59.8	65.5	62.0	74.6	48.2	40.1	59.3	79.4
WB4401	59.5	60.3	59.5	60.4	67.1	61.2	72.0	63.1	84.6	77.7	31.6	57.1	83.7
Showdown			61.6	60.1	70.8	61.1	70.9	76.8	82.7	67.6	47.1	65.8	84.7
Rockstar			60.0	58.9	67.9	59.8	77.5	63.1	78.4	62.6	49.2	64.2	80.0
KS Providence			58.9	59.8	65.7	60.6	72.9	70.9	85.5	54.9	38.7	54.1	83.0
WB4523			57.9	59.1	65.3	60.0	71.8	56.2	85.5	55.9	39.8	62.7	85.0
LCS Atomic AX			57.1	60.8	64.6	61.8	66.1	65.6	71.7	69.4	42.8	58.8	77.8
KS Hatchett			54.4	59.5	59.3	60.0	62.7	65.6	70.9	47.0	39.4	53.1	76.7
WB4422					68.4	60.6	74.2	63.4	88.8	70.9	43.4	61.3	76.7
KS Mako					66.3	62.2	69.7	58.8	82.0	69.3	49.8	66.4	68.0
Mean General	59.2	59.9	58.6	59.7	63.7	60.1	68.8	62.1	77.3	63.6	41.2	57.3	75.4
LSD General (5%) EE	2.6	0.5	3.5	0.6	4.8	0.9	5.4	7.7	7.8	12.5	8.6	11.8	9.3
CV (Effective)	11.5	2.1	12.7	2.2	12.4	2.5	4.8	7.6	6.2	12.1	12.8	12.6	7.5

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

Locations

2022 — Belleville, Conway Springs, Junction City, and Partridge, KS; Carrier, OK

2023 — Belleville, Conway Springs, Junction City, and Salina, KS; Carrier, OK

2024 — Belleville, Conway Springs, Junction City, Palco, Pratt, and Salina, KS; Carrier, OK