

2023 Central Plains Dryland Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2021-2023

Variety	3-Yr Combined (2021-2023)		2-Yr Combined (2022-2023)		Combined (2023)		Belleville, KS	Junction City, KS	Conway Springs, 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
Hard Winter Wheat											
SY Wolverine	67.3	62.9	58.3	62.8	52.9	60.5	24.9	104.3	26.0	47.3	61.9
AP18 AX	66.9	61.9	55.0	61.7	48.2	59.9	23.9	94.0	23.8	45.3	53.8
AP Prolific	66.0	62.3	55.4	62.3	49.6	60.1	22.7	89.0	31.7	43.2	61.4
AP Roadrunner	66.0	60.6	58.0	61.3	53.4	59.5	27.4	100.0	30.9	46.5	62.2
AP Bigfoot	64.9	62.9	52.8	62.3	48.6	60.6	23.8	103.1	20.8	42.8	52.6
SY Monument	64.0	60.6	56.1	60.8	52.1	58.6	26.6	88.3	30.1	50.9	64.5
AP EverRock	63.8	62.0	51.9	61.9	47.3	59.6	23.7	91.8	23.4	42.3	55.4
Bob Dole	63.0	61.6	51.7	61.1	48.0	59.7	22.3	84.7	28.0	47.5	57.5
SY Rugged	62.0	61.1	53.0	61.4	48.4	60.2	24.2	91.3	25.2	45.4	56.2
SY 517 CL2	60.1	64.1	50.4	63.9	45.8	61.8	20.3	100.1	22.7	37.1	48.7
SY Achieve CL2	57.7	62.9	48.7	62.6	45.1	61.1	18.8	86.6	28.3	37.7	54.2
AP24 AX			58.0	60.9	48.9	58.2	29.1	89.3	28.4	43.8	54.1
AP Longjack			49.4	55.9	48.3	53.9	20.6	94.6	25.9	38.6	61.9
AP Baldy			46.1	59.2	42.5	56.7	24.8	81.7	20.6	37.4	48.1
WB4401	67.2	62.6	54.3	61.9	49.1	60.5	21.8	101.6	25.3	39.5	57.0
KS Hatchett	65.1	62.4	53.7	62.0	47.6	60.6	22.9	93.4	23.3	39.7	58.9
WB4269	63.6	62.8	54.3	62.4	49.8	60.9	25.6	97.0	28.3	42.6	55.5
Strad CL+			49.3	61.8	45.6	59.7	22.7	84.2	27.4	40.0	54.0
Uncharted			48.0	61.5	44.0	59.7	25.1	84.4	20.4	38.7	51.6
KS Providence					49.6	60.5	23.6	97.1	29.6	40.6	56.9
Rockstar					49.2	58.0	23.8	93.7	25.5	38.4	64.5
Showdown					48.9	60.0	21.6	94.2	31.6	39.6	57.7
WB4523					47.9	58.9	24.6	95.0	28.1	36.7	54.9
LCS Atomic AX					46.6	61.4	25.9	81.4	27.8	41.1	57.0
Mean General	64.0	62.2	53.2	61.5	47.8	59.5	23.2	93.0	25.5	40.4	56.8
LSD General (5%) EE	3.1	0.8	3.5	1.1	5.6	2.1	3.2	9.6	2.9	9.9	8.1
CV (Effective)	6.6	1.6	7.7	1.5	9.5	2.0	8.3	6.3	6.9	15.0	8.7

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

Locations

2021 — Belleville, Conway Springs, Partridge, Pratt, and Salina, KS; Carrier, OK

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

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