

2023 Northeast Colorado 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)		Julesburg, CO	Yuma, CO
	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	Yield Bu/A
Hard Winter Wheat								
AP24 AX	65.9	58.7	57.9	58.1	77.7	56.2	75.3	80.1
AP18 AX	65.2	60.0	58.9	59.4	77.9	56.9	79.6	76.2
AP Bigfoot	64.9	61.4	57.1	60.8	76.2	59.2	79.9	72.4
AP Prolific	63.8	60.7	55.6	60.4	75.3	59.4	82.8	67.9
AP Solid	62.2	61.4	54.2	60.9	71.9	58.5	68.5	75.3
SY Wolverine	62.2	60.9	54.4	60.1	71.5	57.8	70.3	72.7
SY Monument	61.0	59.4	53.4	59.0	72.7	57.3	72.8	72.6
SY Grit	60.7	60.2	53.5	59.4	71.4	58.4	70.4	72.4
SY Legend CL2	60.0	60.7	51.9	60.3	66.4	58.9	68.7	64.2
AP Roadrunner	59.8	58.3	52.1	57.5	69.2	57.0	70.4	68.0
SY Rugged	59.0	59.9	51.5	59.6	69.9	58.2	75.8	64.0
SY 517 CL2	57.8	61.9	49.9	61.5	67.2	60.0	69.7	64.6
Langin	65.9	60.3	57.7	59.6	70.3	56.4	69.1	71.5
Crescent AX	64.5	60.8	56.6	60.4	71.5	59.0	69.2	73.8
WB-Grainfield	64.4	60.5	57.3	60.2	76.1	58.6	77.7	74.6
KS Hamilton	64.2	60.6	55.7	60.2	74.8	58.5	79.7	69.9
KS Dallas	63.2	60.7	58.2	60.5	84.8	60.2	88.8	80.7
TAM 114	63.1	61.9	57.6	61.8	82.9	60.0	84.9	80.9
Guardian	63.0	61.1	55.4	60.7	75.9	59.3	81.1	70.8
High Country			59.6	61.3	76.2	59.7	76.8	75.7
AG Golden			55.2	57.1	76.6	55.5	78.0	75.3
WB4595			54.5	61.5	73.0	60.2	76.9	69.1
Amplify SF					77.7	58.3	75.5	79.8
WB4422					74.5	58.4	81.3	67.8
TAM 115					69.8	60.9	70.8	68.8
WB4483					65.2	54.2	62.4	68.0
Mean General	62.7	60.5	55.6	60.1	74.1	58.3	75.8	72.4
LSD General (5%) EE	4.2	1.0	4.7	1.3	8.2	2.1	9.0	7.5
CV (Effective)	6.7	1.6	7.3	1.7	6.9	1.1	7.3	6.4

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

Locations

2021 — Julesburg and Yuma, CO

2022 — Crook, Julesburg and Yuma, CO

2023 — Julesburg and Yuma, CO