

2025 Western Plains Dryland Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2023-2025

Variety	3-Yr Combined (2023-2025)		2-Yr Combined (2024-2025)		Combined (2025)		Crook, CO	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	Yield Bu/A
Hard Winter Wheat									
AP18 AX	74.2	57.6	75.8	57.8	85.0	55.2	59.5	101.2	94.3
AP Sunbird	74.1	59.5	77.2	59.8	86.5	57.9	61.6	102.9	95.1
AP24 AX	73.2	56.7	74.0	56.8	86.7	54.9	63.7	97.9	98.5
AP Bigfoot	71.2	58.9	73.0	58.9	79.0	56.6	60.4	86.6	90.0
SY Wolverine	68.9	59.1	71.4	59.5	80.5	57.2	61.9	91.0	88.5
AP Roadrunner	67.6	56.0	70.3	55.7	80.1	54.6	63.9	90.5	86.0
AP Solid	66.4	58.4	67.7	58.4	76.9	56.4	62.4	86.0	82.4
SY Monument	61.7	57.8	60.1	57.9	70.3	56.7	62.4	67.7	80.7
Langin	72.9	57.3	77.3	57.6	86.7	55.8	62.6	95.5	102.0
WB4422	70.6	59.1	73.8	59.4	83.2	57.7	65.8	90.7	92.9
AG Golden	70.3	55.5	72.3	55.5	86.1	54.9	71.2	93.6	93.4
High Country	69.4	59.1	72.0	58.9	79.2	57.0	60.4	89.6	87.7
WB4595	69.2	59.8	72.2	59.6	81.4	57.3	63.7	90.1	90.4
KS Dallas	68.3	59.1	66.5	58.7	76.0	57.4	55.0	82.3	90.8
Amplify SF	66.8	57.9	66.4	57.8	73.8	56.5	61.6	77.7	82.2
KS Hamilton	66.6	58.3	68.5	58.3	76.3	56.1	54.5	78.0	96.3
TAM 115	60.7	60.1	60.1	59.8	70.5	58.3	49.8	85.0	76.6
Kivari AX			73.7	57.0	83.3	55.9	63.3	87.1	99.5
WB-Grainfield					86.3	57.3	59.0	99.8	100.0
Canvas					85.1	55.9	67.4	94.4	93.7
KS Bill Snyder					80.4	56.9	63.2	92.9	85.3
KS Mako					78.4	57.2	58.1	84.6	92.3
Mean General	69.1	58.3	71.0	58.2	79.5	56.4	60.4	88.8	89.4
LSD General (5%) EE	5.1	1.4	6.2	1.7	9.6	ns	8.3	16.0	13.0
CV (Effective)	9.0	2.4	9.4	2.5	9.9	2.4	8.3	11.0	8.9

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

* Location was affected by a Wheat Streak Mosaic Virus infestation, which resulted in reduced yield of susceptible varieties.

Locations

2023 — Julesburg and Yuma, CO; Colby, KS
 2024 — Crook and Julesburg, CO; Ingalls, KS
 2025 — Crook, Julesburg, and Yuma, CO