

2023 Plains Irrigated 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)		Imperial, NE	Ingalls, KS
	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								
AP Prolific	104.8	60.2	95.1	60.3	97.3	58.2	95.3	99.4
SY Wolverine	103.9	58.1	97.6	58.4	96.1	53.7	96.2	96.0
AP Bigfoot	101.3	59.6	93.0	59.4	92.6	58.5	90.0	82.6
AP Roadrunner	98.7	57.6	89.6	57.2	86.3	54.8	93.3	88.0
AP EverRock	98.3	58.2	89.3	58.2	89.7	55.1	81.3	83.7
AP18 AX	97.7	59.0	90.0	59.0	90.6	56.8	85.6	88.4
SY Grit	95.6	58.4	84.6	57.6	82.5	55.6	67.7	80.7
SY Monument	91.4	57.6	83.3	57.5	87.0	54.9	85.3	73.1
AP Longjack			80.9	53.1	78.0	51.0	80.5	78.6
AP Baldy			71.9	56.7	74.2	53.6	85.6	67.8
WB4792	101.5	58.0	91.0	57.3	77.8	52.2	87.4	97.8
Canvas	100.3	59.5	91.6	58.3	79.2	53.4	95.8	83.5
TAM 114	96.1	61.4	88.6	61.4	84.2	58.7	82.2	73.8
Langin	94.5	58.9	89.6	58.8	79.5	56.6	86.6	68.9
TAM 115	89.8	60.4	87.0	60.7	76.7	57.0	86.8	81.5
WB4422					90.9	56.4	83.2	98.7
Epoch					90.7	56.5	80.5	101.0
WB4595					86.1	56.0	88.6	83.6
Mean General	98.0	59.0	89.6	58.4	86.4	55.5	84.7	88.0
LSD General (5%) EE	7.6	2.0	10.6	2.7	ns	ns	12.0	11.5
CV (Effective)	7.5	3.2	8.8	3.7	8.3	4.9	8.7	8.0

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

Locations

2021 — Hugoton, Ingalls, and Scott City, KS; Dalhart, TX

2022 — Hugoton and Ingalls, KS; Imperial, NE

2023 — Ingalls, KS; Imperial, NE