

2020 Plains Irrigated Summary, Three-Year Data

Syngenta Commercial Variety Wheat Performance Test, 2018-2020

Variety	3-Yr Combined (2018-2020)		2-Yr Combined (2019-2020)		Combined (2020)		Bushland, TX	Garden City, KS	Hugoton (Irr), 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	Yield Bu/A
Hard Winter Wheat									
SY Wolverine	92.9	62	97.3	63	76.5	64	80.9	76.7	71.9
SY Sunrise	91.5	62	95.0	63	80.0	64	79.1	89.1	71.9
SY Monument	87.3	61	91.2	62	76.2	63	72.9	78.1	77.5
SY Grit	86.7	61	89.7	62	63.6	63	60.2	70.1	60.4
SY Wolf	86.0	61	87.0	63	67.0	64	64.4	73.7	63.0
TAM 111	85.2	62	87.0	64	63.1	64	59.9	71.9	57.4
AP18 AX			95.8	63	69.1	64	70.7	72.9	63.8
SY Rugged			93.5	62	76.2	64	76.7	78.3	73.8
WB4303	90.5	60	95.4	61	75.8	62	75.2	83.5	68.7
TAM 114	88.5	62	91.1	63	71.2	65	68.7	72.5	72.5
KanMark	88.0	62	92.3	63	79.5	65	88.3	83.6	66.7
T-158	86.5	62	90.5	63	70.8	64	69.8	78.1	64.5
WB-Grainfield	85.6	61	88.8	63	64.1	64	78.0	52.1	62.3
Ruth	79.1	61	81.0	62	55.8	63	56.4	49.5	61.6
Canvas			95.1	62	83.8	64	92.6	87.1	71.8
Lonerider					85.1	64	83.3	85.2	86.7
WB4792					84.2	65	89.2	81.9	81.4
Crescent AX					76.5	64	79.9	78.6	71.1
Langin					73.9	63	75.8	76.9	68.8
TAM 115					66.1	65	67.7	63.5	67.1
Mean General	87.4	61	91.7	62	73.6	64	75.0	75.7	70.0
LSD General (5%) EE	4.27	0.8	7.31	1.2	10.47	0.9	11.94	11.61	11.30
CV (Effective)	7.31	1.8	7.62	1.8	9.68	1.0	9.77	9.40	9.90

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

Locations

2018 — Colby, Hugoton, and Ingalls, KS; Hemingford and Imperial, NE; Dalhart, TX

2019 — Colby, Garden City, Hugoton and Ingalls, KS; Imperial, NE; Bushland and Dalhart, TX

2020 — Garden City, Hugoton, KS; Bushland, TX