

2020 Central Plains Dryland 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)		Bellville, KS	Conway Springs, KS	Junction City, KS	Partridge, KS	Pratt, 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	Yield Bu/A	Yield Bu/A
Hard Winter Wheat													
SY Wolverine	67.0	59	74.9	61	74.3	63	44.4	76.9	108.2	76.6	63.4	61.5	89.2
Bob Dole	65.0	59	72.2	61	69.9	62	48.4	75.4	90.2	71.5	61.7	59.0	82.8
SY Monument	63.9	58	70.7	59	71.5	62	48.8	74.3	93.7	77.5	60.0	61.5	84.3
SY Wolf	63.2	59	70.6	60	69.4	62	40.5	71.4	99.5	71.9	60.3	56.3	85.7
SY Grit	62.6	59	68.7	60	67.5	62	36.2	72.2	97.3	74.4	52.2	57.4	82.9
SY 517 CL2	61.4	60	67.9	62	67.8	64	42.3	74.9	95.1	73.0	55.3	52.4	81.7
SY Benefit	60.9	60	66.3	61	67.4	63	43.3	71.1	95.2	69.4	56.5	52.6	83.8
SY Rugged	60.2	58	67.6	59	68.4	61	42.7	78.2	83.7	74.7	54.1	61.9	83.4
SY Achieve CL2	57.5	59	64.1	61	63.8	63	38.9	71.0	86.4	68.5	56.5	51.7	73.8
AP18 AX			71.9	60	74.5	61	47.9	82.4	97.7	81.1	63.1	63.4	85.7
Bentley	65.0	59	70.8	60	71.1	62	49.5	73.5	99.3	73.3	58.7	61.0	82.3
WB4303	64.8	57	72.3	59	70.9	61	43.6	77.3	100.0	77.4	52.8	60.5	84.6
WB4269	64.8	60	71.6	62	73.3	64	53.2	77.7	100.1	75.6	58.4	59.4	88.9
Zenda	62.6	60	66.7	61	64.9	63	39.4	67.8	92.2	67.6	52.5	56.2	78.9
WB-Grainfield	62.4	59	69.2	61	72.0	63	49.9	74.9	105.4	78.8	52.9	61.7	80.7
Larry	62.0	59	69.4	60	72.5	62	49.0	73.6	98.9	74.8	60.2	58.4	92.3
Doublestop CL+	61.6	60	67.4	61	68.6	63	46.5	69.9	93.6	70.9	58.7	56.7	84.1
LCS Chrome	60.6	59	67.3	60	67.1	62	47.8	70.4	93.0	67.1	50.1	60.2	81.2
Everest	59.2	60	66.6	62	67.9	63	37.3	73.3	89.8	74.2	59.6	56.5	84.7
WB4699					78.0	62	51.6	81.5	121.9	80.3	57.3	64.0	89.6
AG Icon					71.9	62	48.1	75.9	96.0	73.2	59.6	63.6	86.7
WB4792					71.7	63	48.4	76.1	98.5	70.7	61.7	58.4	87.8
Crescent AX					68.6	62	45.4	80.8	70.8	80.4	61.3	60.3	81.0
Showdown					68.3	61	45.8	80.6	83.5	75.0	59.9	58.7	74.6
LCS Revere					67.6	62	45.6	76.8	82.5	73.4	60.8	54.6	79.3
Green Hammer					65.3	63	43.6	66.6	95.7	63.4	52.5	50.2	85.4
Mean General	62.7	59.2	69.7	60.4	70.6	62.3	46.1	75.3	96.8	74.4	58.1	59.0	84.8
LSD General (5%) EE	2.51	0.8	3.63	1.0	4.81	1.2	5.18	5.71	9.57	4.34	5.78	3.69	6.09
CV (Effective)	6.90	2.1	6.54	2.2	5.25	1.9	6.92	4.67	6.08	3.59	6.13	3.85	4.42

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

Locations

2018 — Belleville, Chanute, Conway Springs, Ellsworth, Junction City, Osborne, Partridge, Pratt, and Sabetha, KS

2019 — Belleville, Conway Springs, Osborne, Partridge, and Salina, KS; Carrier, OK

2020 — Belleville, Conway Springs, Junction City, Partridge, Pratt, and Salina, KS; Carrier, OK