

2019 Wheat After Soybeans Summary—Syngenta Trial Results

Syngenta Commercial Variety Wheat Performance Test

Variety	4-Yr Combined (2016-2019)		3-Yr Combined (2017-2019)		2-Yr Combined (2018-2019)		Combined (2019)		Bellville, KS	Conway Springs, KS	Partridge, KS	Salina, KS
	Yield Bu/A	TWT Lb/Bu	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
Hard Winter Wheat												
SY Monument	66.3	58	64.1	58	60.1	57	72.3	57	63	75	76	76
SY 517 CL²	64.8	60	62.3	60	58.6	59	71.0	61	60	67	82	75
SY Grit	64.5	58	64.4	58	60.6	58	72.6	59	59	66	78	87
SY Wolf	63.7	58	62.3	58	58.8	57	71.5	57	64	68	80	75
SY Benefit	63.3	59	60.2	59	56.5	58	67.0	60	54	69	69	76
SY Rugged	61.8	58	58.2	58	55.8	57	66.7	59	54	67	72	74
SY Flint	61.4	59	61.2	60	57.4	59	65.7	60	55	65	69	73
AP503 CL²	61.2	60	58.5	60	53.2	59	63.7	60	59	72	73	79
SY Achieve CL²	61.1	60	59.0	60	55.2	59	67.2	61	55	63	77	75
SY Wolverine					63.5	58	76.4	58	62	75	81	88
Bob Dole					62.4	58	75.3	59	56	74	76	79
AP18 AX							71.1	59	50	64	68	72
Bentley	66.5	59	64.9	59	61.3	58	70.7	59	65	75	84	77
Smith's Gold	64.0	59	62.4	59	56.8	58	68.5	60	56	67	77	74
Doublestop CL+	62.9	60	61.6	60	57.5	59	66.7	60	57	70	68	72
WB4458	62.5	58	60.6	58	55.8	57	64.3	58	51	64	73	69
WB-Cedar	61.3	59	60.8	59	57.9	58	68.9	59	64	65	74	73
Larry	60.9	59	59.2	59	55.5	58	68.2	59	57	68	73	74
Everest	59.8	60	58.9	60	54.3	59	64.2	61	56	62	68	70
WB-Grainfield			65.5	59	59.4	58	70.3	59	57	73	79	72
WB4303			64.6	57	61.4	55	75.1	57	64	68	88	81
Zenda			63.4	59	61.3	58	71.1	59	56	71	76	82
LCS Chrome			60.5	58	57.0	57	69.1	58	62	65	79	71
WB4269					60.1	59	71.0	60	65	71	74	74
LSC Link							71.6	58	69	62	78	77
Spirit Rider							64.6	60	41	69	71	76
Mean General	62.9	59.1	61.6	58.9	58.4	58.0	68.9	59.0	57.4	68.8	74.1	75.3
LSD General (5%) EE	3.2	1.0	3.5	1.2	3.7	1.5	5.7	2.1	7.0	7.0	7.4	10.5
CV (Effective)	7.3	2.1	7.1	2.2	7.6	2.5	7.2	2.5	7.5	6.2	6.1	8.5

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

Locations

2016 - Belleville, Junction City and Salina, KS

2017 - Belleville, Junction City and Salina, KS

2018 - Belleville, Junction City and Partridge, KS

2019 - Belleville, Conway Springs, Partridge and Salina, KS

Most sites in 2016-19 treated with Trivapro® fungicide.

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