

2018 Wheat Following Soybeans Summary —Syngenta Dryland Trial Results Syngenta Commercial Variety Wheat Performance Test

Variety	4-Yr Combined (2015-2018)		3-Yr Combined (2016-2018)		2-Yr Combined (2017-2018)		Combined (2018)		Belleville, KS	Junction City, KS	Partridge, 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
Hard Winter Wheat											
SY Monument	66.6	59	63.6	58	58.6	58	43.7	56	35.5	42.8	52.7
SY 517 CL²	64.5	60	62.1	60	56.4	59	42.1	57	37.6	38.6	50.2
SY Grit	64.0	58	60.9	58	58.9	58	44.5	56	38.6	44.8	50.2
SY Wolf	63.0	59	60.3	59	56.1	60	41.8	58	37.5	40.0	47.7
AP503 CL²	62.4	60	60.0	60	55.1	59	39.2	56	33.4	34.4	49.7
SY Achieve CL²	62.0	60	58.4	59	53.6	59	39.2	56	39.2	32.0	46.4
SY FLINT	61.8	59	59.6	59	58.2	60	46.3	58	37.5	44.5	56.9
SY Llano	57.0	59	55.3	59	51.8	59	40.6	57	36.5	33.3	51.9
SY Benefit			61.7	59	55.7	59	42.4	57	38.2	36.4	52.6
SY Rugged			59.6	58	52.5	57	41.2	55	35.9	34.7	53.1
Bob Dole							45.2	56	40.2	39.1	56.4
Gallagher	65.9	59	63.6	58	63.5	59	45.4	57	37.9	43.1	55.3
WB4458	63.2	59	61.8	59	58.2	59	44.5	56	38.5	40.3	54.7
Doublestop CL+	62.2	60	61.3	60	58.1	60	45.1	58	41.7	41.9	51.8
WB-CEDAR	61.2	59	57.9	59	55.4	58	43.1	56	39.8	34.3	55.3
Everest	60.8	60	57.9	60	55.3	60	41.2	58	35.9	36.1	51.6
Bentley			64.6	58	61.0	58	48.7	56	39.9	44.6	61.5
Smith's Gold			62.0	59	58.4	59	41.3	56	37.1	35.3	51.5
Larry			57.7	58	53.2	58	38.6	56	31.7	34.5	49.5
WB-Grainfield					62.3	58	44.8	56	42.4	37.2	55.0
Zenda					58.3	59	48.2	57	37.7	49.1	57.8
WB4303					57.5	56	43.2	53	35.6	38.0	55.9
LCS Chrome					54.7	59	40.7	57	31.7	38.2	52.4
WB4269							45.5	57	33.7	42.7	60.1
Mean General	62.7	59.4	60.5	59.0	57.5	58.7	43.9	56.7	38.3	39.2	54.3
LSD General (5%) EE	3.9	1.2	4.2	1.2	4.7	1.3	5.3	2.0	5.9	6.8	5.3
CV (Effective)	7.4	2.2	7.3	2.0	6.8	1.8	8.4	2.2	9.4	10.6	6.0

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

Locations

2015 - Junction City and Salina KS

2016 - Junction City, Belleville and Salina KS

2017 - Junction City, Belleville and Salina KS

2018 - Junction City, Belleville and Partridge

All sites in 2016-18 treated with Trivapro® fungicide.