

2018 Eastern Kansas Summary —Syngenta Dryland Trial Results

Syngenta Commercial Variety Wheat Performance Test

Variety	3-Yr Combined (2016-2018)		2-Yr Combined (2017-2018)		Combined (2018)		Chanute, KS	Sabatha, KS	Junction City, KS	FHB Rating
Hard Winter Wheat	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	Score 1-9
SY Benefit	68.8	59	60.4	57	59.9	55	81.8	61.4	36.4	4
SY Grit	66.6	57	63.5	56	61.9	54	76.7	64.3	44.8	6
SY 517 CL2	66.4	59	58.4	57	56.9	55	77.9	54.1	38.6	5*
SY Monument	66.4	57	60.8	55	59.8	53	76.0	60.6	42.8	8
SY Flint	66.3	58	61.8	57	62.7	55	85.4	58.4	44.5	7
SY Wolf	66.1	58	61.6	56	59.7	54	78.0	61.1	40.0	6
AP503 CL ²	64.3	59	56.5	57	52.9	55	72.1	52.2	34.4	6
SY Rugged	62.8	56	55.9	55	52.5	52	70.2	52.7	34.7	6
SY Achieve CL ²	62.7	58	55.8	56	52.8	53	70.7	55.6	32.0	5*
SY Llano	55.3	57	50.8	56	49.8	53	68.5	47.7	33.3	6*
Bob Dole					61.9	55	83.8	62.9	39.1	5*
Bentley	70.8	58	64.6	56	63.8	54	88.9	57.9	44.6	5
Gallagher	67.2	58	63.8	56	63.1	54	83.8	62.4	43.1	8
WB-CEDAR	67.0	58	61.0	56	59.5	54	86.6	57.5	34.3	8
WB4458	66.8	58	60.7	56	60.3	53	82.5	58.2	40.3	7
Smith's Gold	66.4	58	60.9	56	57.1	54	82.2	53.8	35.3	7
Everest	65.1	59	57.7	57	53.6	55	71.4	53.2	36.1	4
Larry	62.9	58	57.2	56	58.5	55	81.4	59.7	34.5	7
Doublestop CL+	61.3	59	56.2	58	58.6	56	75.9	58.2	41.9	7
WB4303			63.6	54	62.3	51	86.4	62.5	38.0	5
WB-Grainfield			63.0	56	58.4	54	81.1	56.8	37.2	7
Zenda			62.2	57	66.3	55	86.7	63.0	49.1	5*
LCS Chrome			56.6	56	57.2	55	77.3	56.0	38.2	7*
WB4269					62.2	55	83.1	60.9	42.7	6*
Mean General	65.2	58.0	60.2	56.2	60.0	54.2	80.7	60.2	39.2	
LSD General (5%) EE	4.6	1.0	5.8	1.4	6.1	2.1	6.5	5.4	6.5	
CV (Effective)	7.6	1.8	7.2	2.0	6.4	2.4	4.9	5.6	10.6	

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

Locations

2016 - Junction City, Chanute, and Sabetha, KS 2017 - Junction City, Chanute, and Sabetha, KS 2018 - Junction City, Chanute, and Sabetha, KS

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

FHB:

1 = Excellent

2 = Very Good to Excellent

 $3 = \mathsf{Very} \; \mathsf{Good}$

4 = Very Good to Good

5 = Good

6 = Fair to Good

7 = Fair

8 = Fair to Poor

9 = Poor

— = Not available

© 2018 Syngenta. Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status. Trivapro is sold as a combination of separately registered products: Trivapro A and Trivapro B fungicides. AgriPro®, Trivapro®, the Alliance Frame and the Syngenta logo are trademarks of a Syngenta Group Company. PVPA 1994—Unauthorized propagation prohibited. Plant variety protection granted for or applied for AgriPro varieties.



^{*} FHB infection levels in 2018 have been very low so ratings are mainly on previous years limited information.