

2018 Irrigated Summary—Syngenta Trial Results

Syngenta Commercial Variety Wheat Performance Test

Variety	3-Yr Combined (2016-2018)		2-Yr Combined (2017-2018)		Combined (2018)			Imperial, NE	Dalhart, TX	Hemmingford, NE	Hugoton, KS	Ingalls, KS
	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	TWT Lb/Bu	Yield Bu/A	% Variety Mean	TWT Lb/Bu	Yield Bu/A	Yield Bu/A	Yield Bu/A	Yield Bu/A	Yield Bu/A
Hard Winter Wheat												
SY Sunrise	105.4	60.9	97.8	60.4	93.1	105	59.5	88.7	111.4	77.2	103.9	84.3
SY Flint	104.2	61.5	96.8	61.0	88.7	100	59.8	84.1	116.7	71.6	93.1	77.9
TAM 111	101.7	61.4	95.4	60.9	87.8	99	59.9	81.8	113.6	72.5	98.2	73.1
SY Grit	101.2	60.3	97.6	60.1	88.9	100	58.7	88.7	107.4	81.2	88.3	78.8
SY Wolf	101.1	60.6	96.9	60.1	89.8	101	59.3	89.5	107.3	82.4	91.3	78.4
SY Monument	98.8	59.8	94.2	59.4	87.4	98	58.7	89.5	105.1	77.4	90.2	74.8
AP503 CL²			87.9	60.9	87.4	98	60.4	65.6	109.9	77.9	87.4	64.6
SY Legend CL²			88.0	59.0	85.7	96	59.5	69.9	103.8	77.3	78.1	63.7
TAM 304	103.5	59.1	96.6	58.7	87.3	98	57.3	83.2	110.7	76.6	93.2	72.7
TAM 114	102.2	62.2	96.7	61.6	88.5	99	60.5	81.9	113.0	73.9	96.8	77.1
KanMark	100.9	61.0	96.7	60.9	88.2	99	59.9	82.4	106.7	77.2	99.9	74.7
T-158	98.7	61.5	95.5	61.2	87.6	98	59.9	84.1	111.8	71.2	98.0	73.1
WB-Cedar	98.4	61.1	92.5	60.6	91.7	103	58.7	89.7	103.2	90.6	97.4	76.6
WB4303			100.0	59.0	94.8	106	60.0	91.8	106.0	84.6	88.1	80.7
WB-Grainfield			95.6	60.1	91.1	102	59.9	75.9	113.6	90.8	94.9	70.8
WB4458			92.8	60.8	85.0	95	60.4	86.6	103.1	75.6	90.3	79.3
Langin					97.0	109	59.9	86.4	112.7	90.6	90.7	77.9
Ruth					92.2	103	59.3	77.7	110.5	87.6	87.4	67.7
LSC Link					92.9	104	60.2	75.5	106.8	82.4	98.7	73.3
Mean General	101.8	61.0	96.0	60.6	89.1		59.6	84.9	109.9	82.1	93.3	75.2
LSD General (5%) EE	5.0	0.7	5.6	1.0	6.6		1.4	10.8	9.7	12.2	11.8	7.6
CV (Effective)	7.7	1.4	6.8	1.6	7.3		1.8	7.8	5.5	9.2	7.8	6.3

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

Locations

2016 - Imperial, NE, Dalhart, TX, Garden City and Ingalls, KS

2017 - Imperial and Hemmingford, NE, Dalhart, TX

2018 - Imperial and Hemmingford, NE, Dalhart, TX, Hugoton and Ingalls, KS