

Wheat Tech Agronomy

2018-2019 Wheat Variety Performance Test Results

General Information:

The 2018-2019 soft red winter wheat variety performance tests were conducted at three different sites: Auburn, Kentucky; Hodgenville, Kentucky; and Charleston, Missouri. The KY locations contained 59 and the MO location contained 48 different varieties.

Varieties were tested using no-till practices, however; the residue was burned off before planting in MO. The preceding crop for all locations was corn. Seeding rates used were as follows: MO was 325 s/yd², while both KY sites were 375 s/yd². Trials were planted using a Hege Drill with a row spacing of 7.5 inches and were harvested with a Kincaid 8-XP research combine with a HarvestMaster Classic GrainGage. Plot dimensions used were 5 feet wide by 20 feet long and were chemically end trimmed for uniform length. All sites contained four replications, and the experimental design used was randomized complete block.

All locations were managed intensively with split applications of nitrogen, insecticides, herbicide sprays in the fall and spring, and a Feekes 5 and Feekes 10.51 fungicide. Nitrogen applied to all locations was a January-February/March split application. The rate at Auburn, KY was 60/65 pounds per acre, the rate at Hodgenville, KY was 55/65 pounds per acre, and MO was 50/100 pounds per acre. At the Auburn, Kentucky site, there were four replications treated with a foliar fungicide at Feekes 5 and Feekes 10.51 and four without. The objective for having four untreated replications is to evaluate how each variety responds to the given level of head blight and foliar diseases, and then create a yield fungicide response column. At the Hodgenville, KY and Missouri sites all replications were sprayed with a fungicide at both timings. The MO site is irrigated, and the other locations are non-irrigated.

Growing Season:

Planting wheat began on October 12th in Charleston, MO. Conditions during the early part of October were favorable, but according to www.climate.com, from October 13th – 19th 1.7 inches of precipitation fell and on October 31st another 2.85 inches. The wheat plot in Missouri had excellent emergence and tillering in the fall, however; the opposite was true at both the Kentucky locations. Hodgenville, KY was planted on October 18th, and conditions were somewhat marginal at the time. From October 12th – 15th that location accumulated 1.3 inches of rainfall. With more rain coming the day after, deciding to plant turned out to be a good idea. Finally, on October 24th, the Auburn, KY location was planted. Conditions were favorable for planting, however; because temperatures beginning on October 10th would start to fall below average, wheat at the Hodgenville and Auburn sites would be slower to emerge and have more trouble tillering in the fall.

As we continued into December and January, the weather and growing conditions stabilized. The month of February brought with it changes that were very similar to last year's conditions. Precipitation amounts in February for each location was significantly higher than the 5-year averages, as well as temperature fluctuations. According to www.climate.com, Auburn, KY had 6.39 inches, Hodgenville, KY had 5.03 inches, and MO had 4.87 inches higher for total accumulated precipitation amounts than the 5-year average. This made the first applications of nitrogen very difficult. In fact, many fields did not get an opportunity to have two applications made because of the extreme conditions in February.

Despite adverse weather during the early stages, wheat headed into the spring and began to grow well. Very little to no disease pressure was noted during and after the Feekes 6 timing, and the trend carried through to the flagleaf stage. Noticeably less flagleaf diseases this year caused little concern, however; by the time the wheat was ready for the Feekes 10.51 application the rain caused problems once again. It rained four days prior to Missouri being sprayed, and according to our own weather station located at the Auburn, KY site, between May 1st and May 4th it received 0.87 inches of rainfall. Although rain plagued all locations around flowering, Fusarium Head Blight would primarily effect both Kentucky trials with the most FHB noticed in the Hodgenville, KY plot. Although FHB pressure was higher than in recent years, wheat yield and test weight were still very good.

Data Interpretation:

Maturity groups are separated out into the following classifications:

E = Early

M = Medium

L = Late

ME = Medium/Early

ML = Medium/Late

The tables on the following pages have been prepared with the entries listed in order of performance, the highest-yielding entry being listed first. All yields presented have been adjusted to 13.5% moisture. At the bottom of the tables there are three different values: LSD (Least Significant Difference), CV (Coefficient of Variation), and Grand Mean. The mean yields of any two varieties being compared must differ by at least the LSD amount shown to be considered different in yielding ability at the 5% level of probability of significance. CV is a measure of the error variability found within each experiment. Grand Mean is the mean of all values in the group.

Acknowledgements

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Wheat Tech Research & Development Division:

Brad Wilks – Research Director

Matt Miller – Senior Research Associate/Soybean Manager

Kirsten Banks – Research Associate

Wheat Tech Owner:

Bill Brinkley

Participating Companies:

AgriMAXX Wheat Company

AgriPro - Syngenta

Armor Seed, LLC

Corteva AgriScience

Dyna-Gro Seed

Erwin-Keith Inc. (Progeny Ag Products)

Kentucky American Seeds, LLC

KY Small Grain Growers Association

Limagrain Cereal Seed

Seed Consultants, Inc.

Stratton Seed Company

UniSouth Genetics, Inc.

Winfield United

Supporting Chemical Companies:

BASF

Bayer CropScience

Corteva AgriScience

FMC Corporation

Syngenta Crop Protection, LLC

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Table 1

2018-2019 Missouri Winter Wheat Variety Performance Results

Charleston, MO

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
Pioneer variety 26R10	L	117.0 a*	57.6	36
USG 3329	ME	114.2 ab	58.6	36
AgriPro SY 100	ML	113.7 abc	56.9	34
AgriMAXX 438	ML	113.5 abc	56.4	38
Dyna-Gro 9522	ML	113.4 abc	58.5	35
Pioneer variety 26R59	M	113.0 a-d	58.2	32
AgriMAXX 454	M	111.6 a-e	59.2	34
Dyna-Gro 9692	M	111.6 a-e	58.6	36
Progeny Ag #BLAZE	ME	111.5 a-f	58.4	36
Pioneer variety 26R41	M	110.5 a-g	59.8	31
KAS 19X9	E	109.5 a-h	60.8	33
Progeny Ag #WARRIOR	ME	109.5 a-h	58.2	33
Armor Velocity	ME	109.4 a-i	59.5	35
AgriMAXX EXP 1902	M	109.2 a-i	60.2	35
AgriMAXX 486	M	109.2 a-i	58.4	37
Pioneer variety 26R36	ML	108.6 b-j	60.5	36
GoWheat EXP 18-2	E	107.7 b-k	59.1	34
AgriMAXX EXP 1906	E	107.6 b-k	60.3	35
Armor EXP	ME	107.5 b-k	60.3	37
Dyna-Gro 9941	M	107.3 b-k	57.8	35
USG 3316	M	106.3 b-k	58.7	35
Dyna-Gro 9932	M	106.1 b-k	59.5	35
Go Wheat 2058	M	106.1 b-k	60.2	31
Armor Rage	M	106.0 b-k	58.9	35
KAS Truman	M	105.6 c-l	60.2	36
USG 3895	M	105.5 c-l	58.0	33
GoWheat EXP 18-1	M	104.9 d-l	59.4	34
Progeny Ag #BULLET	ME	104.9 d-l	58.5	36
KAS Roosevelt	M	104.8 d-l	58.2	37
AgriPro SY Viper	ME	104.8 d-l	59.4	38
Progeny Ag PGX 17-16	M	104.3 e-l	60.3	36
AgriMAXX 495	M	104.2 e-l	60.0	35
AgriPro SY 547	ME	103.3 f-l	59.2	39
Dyna-Gro 9750	E	102.7 g-m	58.9	35
KAS Lincoln	M	102.6 g-m	59.0	35
Progeny Ag PGX 18-8	M	101.9 h-m	59.9	34
Dyna-Gro 9701	ME	101.2 i-m	58.2	38
Armor ARW1819	ML	101.2 i-m	60.1	33
AgriMAXX 473	ME	100.9 j-n	58.1	36
Dyna-Gro WX19711	M	100.8 j-n	59.6	33

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Table 1 - Continued

2018-2019 Missouri Winter Wheat Variety Performance Results

Charleston, MO

Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Height (inches)
Limagrain LCS L11719	ML	100.5	j-n	60.1	32
AgriMAXX 485	M	100.2	k-n	59.0	34
Pioneer variety 26R45	M	99.5	k-n	58.0	36
Dyna-Gro WX18416	M	97.7	l-o	58.4	35
AgriMAXX EXP 1913	E	94.7	m-p	61.1	35
AgriMAXX 463	E	92.9	nop	58.5	34
Progeny Ag PGX 18-2	E	89.7	op	61.3	34
Progeny Ag #TURBO	E	89.4	p	59.7	33
LSD P=.05		8.2		.	.
CV		5.6		.	.
Grand Mean		105.4		59.1	35

Planted: October 12, 2018; Harvested: June 14, 2019

* - Means followed by same letter do not significantly differ (P=.05, LSD)

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Table 2

2018-2019 Larue County, KY Winter Wheat Variety Performance Results Hodgenville, KY

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
Dyna-Gro 9522	ML	121.0 a*	57.4	32
Pioneer variety 26R59	M	118.5 ab	55.9	28
Progeny Ag #BLAZE	ME	116.0 abc	57.6	31
Dyna-Gro 9692	M	115.7 a-d	57.1	32
AgriPro SY 100	ML	115.4 a-d	54.8	29
SC 13S26	ML	114.2 a-e	56.7	32
Pioneer variety 26R36	ML	111.9 b-f	56.6	31
CROPLAN CP9606	M	111.6 b-f	54.8	30
AgriMAXX 438	ML	111.1 b-g	56.8	33
USG 3329	ME	110.7 b-h	57.2	31
CROPLAN CP9415	M	109.6 c-i	55.7	30
Armor Rage	M	109.0 c-j	57.0	31
Pioneer variety 26R10	L	107.5 c-k	56.9	30
CROPLAN CP8800	M	107.4 c-k	56.3	32
AgriMAXX EXP 1902	M	107.2 d-k	55.6	29
AgriPro SY Viper	ME	107.2 d-l	57.3	32
USG 3316	M	107.1 d-l	57.4	31
AgriMAXX 454	M	106.5 e-m	56.9	31
USG 3895	M	106.2 e-m	55.8	28
KAS Truman	M	105.5 f-n	57.9	33
Limagrain LCS L11719	ML	105.2 f-n	56.5	30
Pioneer variety 26R45	M	105.1 f-n	56.1	31
Armor Velocity	ME	104.7 f-o	58.0	31
KAS Roosevelt	M	104.6 f-p	57.4	30
Dyna-Gro 9932	M	104.0 f-q	57.5	32
Dyna-Gro 9941	M	103.5 f-q	55.4	31
GoWheat EXP 18-2	E	102.7 g-r	56.7	31
AgriMAXX 495	M	102.3 h-r	57.9	31
SC 13S19	M	102.2 h-r	57.4	33
Progeny Ag PGX 17-16	M	101.2 i-s	57.7	33
KY07C-1145-94-12-5	M	100.7 j-s	57.4	31
Armor ARW1819	ML	100.6 j-s	56.5	29
KAS 19X9	E	100.5 j-s	57.9	28
Armor EXP	ME	100.3 j-s	57.8	31
Progeny Ag #BULLET	ME	100.1 k-s	57.0	33
AgriMAXX 485	M	99.7 k-s	58.0	29
Pioneer variety 26R41	M	99.3 k-s	57.1	29
Progeny Ag PGX 18-8	M	99.3 k-s	55.5	30
Dyna-Gro WX19711	M	99.1 k-s	56.4	31
GoWheat EXP 18-1	M	99.0 k-s	57.8	29

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Table 2 - Continued

2018-2019 Larue County, KY Winter Wheat Variety Performance Results Hodgenville, KY

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
Dyna-Gro WX18416	M	98.8 k-s	57.2	30
Progeny Ag #WARRIOR	ME	98.5 l-s	55.7	28
AgriPro SY 547	ME	98.4 m-s	56.4	34
AgriMAXX 486	M	97.5 n-t	56.6	31
Dyna-Gro 9701	ME	97.2 n-t	56.6	33
CROPLAN CP8550	M	96.1 o-u	56.8	33
Pembroke 2016	E	96.0 p-u	56.9	30
SC 13S37	ML	95.9 q-u	57.7	31
Progeny Ag PGX 18-2	E	95.8 q-u	56.8	29
Dyna-Gro 9750	E	95.7 q-u	54.8	31
AgriMAXX 473	ME	95.4 q-u	57.0	33
AgriMAXX EXP 1906	E	94.7 r-u	55.3	31
KAS Lincoln	M	94.7 r-u	57.8	30
KY09C-1245-99-12-3	M	94.3 r-u	56.2	32
Go Wheat 2058	M	93.1 s-v	56.1	28
Pembroke 2014	E	89.5 tuv	57.4	29
Progeny Ag #TURBO	E	88.9 tuv	55.6	31
AgriMAXX EXP 1913	E	87.9 uv	57.3	29
AgriMAXX 463	E	85.2 v	54.8	31
LSD P=.05		8.7	.	.
CV		6.1	.	.
Grand Mean		102.5	56.7	31

Planted: October 18, 2018; Harvested: June 27, 2019

* - Means followed by same letter do not significantly differ (P=.05, LSD)

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Table 3

2018-2019 Logan County, KY Winter Wheat Variety Performance Results

Auburn, KY

Variety	Maturity	Fungicide Treated					Septoria [¥] (0-10) 5/29/19	Fungicide Response (bu/ac)
		Yield (bu/ac)	TW (lb/bu)	Height (inches)	Heading Date			
AgriPro SY 100	ML	135.8	a*	57.4	33	4/29	1	16.4
Armor Rage	M	134.8	ab	59.0	36	5/1	1	9.2
Dyna-Gro 9522	ML	131.9	abc	57.7	35	5/1	1	13.4
Pioneer variety 26R36	ML	131.8	abc	60.4	36	5/1	1	11.8
SC 13S26	ML	131.6	abc	58.9	35	4/29	1	12.2
Armor Velocity	ME	131.0	a-d	60.5	36	4/29	0	11.6
Dyna-Gro 9692	M	130.3	a-e	58.6	35	5/1	1	11.4
Pioneer variety 26R10	L	129.6	a-f	58.5	33	4/30	0	16.6
AgriMAXX 454	M	128.3	a-g	58.2	35	5/1	1	12.0
Progeny Ag #BLAZE	ME	125.8	b-h	58.4	33	4/29	1	11.0
USG 3316	M	125.2	c-i	58.3	35	5/2	0	9.6
AgriPro SY Viper	ME	124.8	c-j	59.0	34	4/28	0	17.4
AgriMAXX 438	ML	124.6	c-k	57.3	36	4/30	1	15.5
CROPLAN CP8800	M	124.1	c-k	58.2	35	4/30	1	10.3
Go Wheat 2058	M	123.0	c-l	60.1	31	4/29	1	9.6
Pioneer variety 26R45	M	123.0	c-l	59.0	32	4/29	2	0.4
Dyna-Gro WX18416	M	122.8	c-m	58.9	34	4/30	0	10.0
Dyna-Gro 9941	M	122.1	d-n	58.8	33	4/29	1	5.8
KAS Roosevelt	M	121.7	e-n	58.1	33	4/30	3	11.5
Pioneer variety 26R59	M	121.6	e-n	58.1	30	4/29	0	10.3
AgriMAXX EXP 1913	E	121.3	e-o	61.6	32	4/24	4	11.1
Progeny Ag #WARRIOR	ME	121.3	e-o	57.9	31	4/25	0	14.0
Armor ARW1819	ML	121.1	f-o	59.5	33	4/29	1	12.7
AgriMAXX EXP 1902	M	120.8	f-p	59.8	32	5/1	0	8.5
Progeny Ag #BULLET	ME	120.1	g-q	58.6	35	4/30	1	8.7
Limagrain LCS L11719	ML	119.8	g-q	59.5	33	4/29	1	9.8
USG 3895	M	119.7	g-q	58.0	33	4/30	1	12.2
Pioneer variety 26R41	M	119.4	g-r	58.8	32	4/29	1	9.5
GoWheat EXP 18-2	E	119.1	h-r	58.5	33	4/29	1	6.6
CROPLAN CP9415	M	119.0	h-r	59.2	32	5/1	1	10.1
KAS 19X9	E	118.5	h-s	59.9	33	4/24	0	6.6
AgriMAXX 486	M	118.4	h-s	58.7	36	5/1	1	6.1
CROPLAN CP9606	M	118.1	h-s	58.7	32	4/30	1	10.5
KAS Truman	M	118.0	h-s	60.8	36	4/29	0	8.9
Progeny Ag PGX 18-8	M	118.0	h-s	59.5	32	4/29	1	8.0
SC 13S37	ML	117.5	h-s	59.7	31	5/3	0	8.4
Progeny Ag PGX 17-16	M	117.4	h-s	61.0	37	4/30	1	6.4

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Table 3 - Continued

2018-2019 Logan County, KY Winter Wheat Variety Performance Results

Auburn, KY

Variety	Maturity	Fungicide Treated					Septoria [‡] (0-10) 5/29/19	Fungicide Response (bu/ac)
		Yield (bu/ac)	TW (lb/bu)	Height (inches)	Heading Date			
AgriMAXX EXP 1906	E	116.6	i-s	60.6	34	4/25	1	10.0
USG 3329	ME	116.6	i-s	58.8	33	4/29	2	5.2
AgriMAXX 473	ME	116.3	i-t	58.9	36	4/30	2	6.3
CROPLAN CP8550	M	115.8	j-t	58.3	37	5/1	1	6.7
KY07C-1145-94-12-5	M	115.5	k-t	59.3	35	4/28	1	12.6
KY09C-1245-99-12-3	M	114.5	l-u	58.7	34	4/25	1	6.5
Dyna-Gro 9701	ME	114.1	l-u	58.5	36	4/30	1	7.7
Dyna-Gro 9932	M	114.1	l-u	59.9	34	4/30	1	4.7
AgriPro SY 547	ME	113.9	l-u	59.3	35	4/29	0	8.6
AgriMAXX 485	M	113.6	m-v	59.7	33	5/4	0	8.6
Dyna-Gro WX19711	M	113.3	n-w	60.0	32	4/30	3	6.4
SC 13S19	M	112.3	o-w	60.6	34	4/30	1	3.8
AgriMAXX 495	M	111.7	p-x	60.2	35	5/1	0	7.5
Armor EXP	ME	111.0	q-x	59.1	34	5/1	1	8.2
GoWheat EXP 18-1	M	110.3	r-x	59.7	31	5/2	1	4.6
KAS Lincoln	M	109.4	s-x	59.0	31	5/3	0	4.1
Progeny Ag PGX 18-2	E	107.3	t-x	61.0	32	4/24	2	2.5
Pembroke 2016	E	105.6	u-x	60.4	33	4/29	2	7.3
Progeny Ag #TURBO	E	104.5	vwx	59.2	34	4/29	0	8.5
AgriMAXX 463	E	104.3	wx	58.7	33	4/29	0	4.0
Dyna-Gro 9750	E	103.0	x	58.2	33	4/29	0	2.4
Pembroke 2014	E	102.8	x	60.5	33	4/29	4	5.8
LSD P=.05		9.2		.	.	.	.	.
CV		5.5		.	.	.	.	.
Grand Mean		119.0		59.2	34	4/29	1	8.9

Planted: October 24, 2018; Harvested: June 15, 2019

* - Means followed by same letter do not significantly differ (P=.05, LSD)

‡ - *Septoria tritici* ratings were taken from the flagleaf on a 0-10 scale where 0 equals no disease and 10 equals completely diseased

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Table 4

2018-2019 Winter Wheat Variety Performance Results

Kentucky Two Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
Dyna-Gro 9522	ML	126.5	57.6	34
AgriPro SY 100	ML	125.6	56.1	31
Dyna-Gro 9692	M	123.0	57.9	34
SC 13S26	ML	122.9	57.8	34
Armor Rage	M	121.9	58.0	34
Pioneer variety 26R36	ML	121.9	58.5	34
Progeny Ag #BLAZE	ME	120.9	58.0	32
Pioneer variety 26R59	M	120.1	57.0	29
Pioneer variety 26R10	L	118.6	57.7	32
AgriMAXX 438	ML	117.9	57.1	35
Armor Velocity	ME	117.9	59.3	34
AgriMAXX 454	M	117.4	57.6	33
USG 3316	M	116.2	57.9	33
AgriPro SY Viper	ME	116.0	58.2	33
CROPLAN CP8800	M	115.8	57.3	34
CROPLAN CP9606	M	114.9	56.8	31
CROPLAN CP9415	M	114.3	57.5	31
Pioneer variety 26R45	M	114.1	57.6	32
AgriMAXX EXP 1902	M	114.0	57.7	31
USG 3329	ME	113.7	58.0	32
KAS Roosevelt	M	113.2	57.8	32
USG 3895	M	113.0	56.9	31
Dyna-Gro 9941	M	112.8	57.1	32
Limagrain LCS L11719	ML	112.5	58.0	32
KAS Truman	M	111.8	59.4	35
GoWheat EXP 18-2	E	110.9	57.6	32
Armor ARW1819	ML	110.9	58.0	31
Dyna-Gro WX18416	M	110.8	58.1	32
Progeny Ag #BULLET	ME	110.1	57.8	34
Progeny Ag #WARRIOR	ME	109.9	56.8	30
KAS 19X9	E	109.5	58.9	31
Pioneer variety 26R41	M	109.4	58.0	31
Progeny Ag PGX 17-16	M	109.3	59.4	35
Dyna-Gro 9932	M	109.1	58.7	33
Progeny Ag PGX 18-8	M	108.7	57.5	31
KY07C-1145-94-12-5	M	108.1	58.4	33
Go Wheat 2058	M	108.1	58.1	30
AgriMAXX 486	M	108.0	57.7	34
SC 13S19	M	107.3	59.0	34
AgriMAXX 495	M	107.0	59.1	33

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Table 4 - Continued

2018-2019 Winter Wheat Variety Performance Results

Kentucky Two Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
SC 13S37	ML	106.7	58.7	31
AgriMAXX 485	M	106.7	58.9	31
Dyna-Gro WX19711	M	106.2	58.2	32
AgriPro SY 547	ME	106.2	57.9	35
CROPLAN CP8550	M	106.0	57.6	35
AgriMAXX 473	ME	105.9	58.0	35
AgriMAXX EXP 1906	E	105.7	58.0	33
Armor EXP	ME	105.7	58.5	33
Dyna-Gro 9701	ME	105.7	57.6	35
GoWheat EXP 18-1	M	104.7	58.8	30
AgriMAXX EXP 1913	E	104.6	59.5	31
KY09C-1245-99-12-3	M	104.4	57.5	33
KAS Lincoln	M	102.1	58.4	31
Progeny Ag PGX 18-2	E	101.6	58.9	31
Pembroke 2016	E	100.8	58.7	32
Dyna-Gro 9750	E	99.4	56.5	32
Progeny Ag #TURBO	E	96.7	57.4	33
Pembroke 2014	E	96.2	59.0	31
AgriMAXX 463	E	94.8	56.8	32
Grand Mean		110.7	58.0	32

Wheat Tech Agronomy
Table 5
2018-2019 Winter Wheat Variety Performance Results
Three Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
Dyna-Gro 9522	ML	122.1	57.9	34
AgriPro SY 100	ML	121.6	56.4	32
Dyna-Gro 9692	M	119.2	58.1	34
Pioneer variety 26R10	L	118.0	57.7	33
Progeny Ag #BLAZE	ME	117.8	58.1	33
Pioneer variety 26R59	M	117.7	57.4	30
Pioneer variety 26R36	ML	117.4	59.2	34
Armor Rage	M	116.6	58.3	34
AgriMAXX 438	ML	116.4	56.8	36
AgriMAXX 454	M	115.5	58.1	33
Armor Velocity	ME	115.0	59.3	34
USG 3329	ME	113.8	58.2	33
USG 3316	M	112.9	58.1	34
AgriMAXX EXP 1902	M	112.4	58.5	32
AgriPro SY Viper	ME	112.3	58.6	35
Dyna-Gro 9941	M	111.0	57.3	33
USG 3895	M	110.5	57.3	31
KAS Roosevelt	M	110.4	57.9	33
GoWheat EXP 18-2	E	109.8	58.1	33
Progeny Ag #WARRIOR	ME	109.8	57.3	31
Pioneer variety 26R41	M	109.7	58.6	31
KAS Truman	M	109.7	59.6	35
KAS 19X9	E	109.5	59.5	31
Pioneer variety 26R45	M	109.2	57.7	33
Limagrain LCS L11719	ML	108.5	58.7	32
AgriMAXX 486	M	108.4	57.9	35
Progeny Ag #BULLET	ME	108.4	58.0	35
Dyna-Gro 9932	M	108.1	59.0	34
Progeny Ag PGX 17-16	M	107.6	59.7	35
Armor ARW1819	ML	107.6	58.7	32
Go Wheat 2058	M	107.4	58.8	30
Dyna-Gro WX18416	M	106.4	58.2	33
Progeny Ag PGX 18-8	M	106.4	58.3	32
AgriMAXX EXP 1906	E	106.3	58.7	33
Armor EXP	ME	106.3	59.1	34
AgriMAXX 495	M	106.1	59.4	34
AgriPro SY 547	ME	105.2	58.3	36
GoWheat EXP 18-1	M	104.7	59.0	31
AgriMAXX 485	M	104.5	58.9	32
Dyna-Gro WX19711	M	104.4	58.7	32
AgriMAXX 473	ME	104.2	58.0	35
Dyna-Gro 9701	ME	104.2	57.8	36
KAS Lincoln	M	102.2	58.6	32
AgriMAXX EXP 1913	E	101.3	60.0	32
Dyna-Gro 9750	E	100.5	57.3	33
Progeny Ag PGX 18-2	E	97.6	59.7	32
Progeny Ag #TURBO	E	94.3	58.2	33
AgriMAXX 463	E	94.1	57.3	33
Grand Mean		109.2	58.3	33