

Wheat Tech Agronomy

2017-2018 Wheat Variety Performance Test Results

General Information:

The 2017-2018 soft red winter wheat variety performance tests were conducted at three different sites: Adairville, Kentucky; Tenton, Tennessee; and Bertrand, Missouri. The KY location contained 73, the TN location contained 63, and the MO location contained 64 different varieties.

Varieties were tested in no-till (MO and KY) and minimum till (TN) 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 and TN were 325 s/yd², while KY was 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. 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 KY was 55/65 pounds per acre, the rate at TN was 45/75 pounds per acre, and MO was 50/100 pounds per acre. At the Kentucky no-till 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 see how each variety responds to the given level of head blight and foliar diseases, and then create a yield fungicide response column. At the Tennessee and Missouri sites all replications were sprayed with a fungicide at both timings. The MO site is irrigated, and our other locations are non-irrigated.

Growing Season:

Planting for the 2017-2018 wheat growing season began on October 12th in Missouri, then Tennessee on the 13th, followed by Kentucky on the 18th. Adequate moisture at time of planting made for excellent conditions. Emergence of wheat was delayed slightly at the Kentucky location due to colder than average temperatures beginning on October 23rd and lasting through most of the month of November. Colder than average winter temperatures would continue to be the trend for all locations which slowed growth down, until February. February's warmer weather also brought extreme amounts of rainfall. According to www.climate.com, the west TN site saw 11.13 inches of accumulated precipitation for the month, which is far from the 5-year average of 3.93 inches. MO's total of 8.83 inches was considerably higher than its 5-year average of 3.12", with 6.82 inches of that total coming from the 19th – 26th. Conditions were the same for KY.

Varying weather would continue to create challenges for the wheat crop. High temperatures combined with areas of drought stress during grain fill periods would negatively affect grain quality and yield at harvest time. Test weights and yields at the MO and KY sites would be the greatest effected by these above average temperatures. Missouri's mean yield would be 23.5 bushels lower than the average of the previous two years, and the test weight would be approximately 2 pounds lower. While test weights in KY were not as affected as much, the mean yield would be 22 bushels lower than the 3-year average. Anthesis for the MO and KY locations took place from May 3rd – 8th, during which high temperatures would not be problematic, however; from May 9th – 31st (~75% of the grain fill period) there would be an increase in daytime high temperatures. According to www.climate.com, in MO the 5-year average high temperature during this period is 80°F and the average high for this year was 88°F, while the KY 5-year average high is 79°F and the actual average high temperature was 86°F. The result of the heat stress during a very important time for the crop was reduced yield, test weight, and quality. That being said, some varieties handled the heat stress well, and still preformed positively.

Disease pressure varied by location. Some varieties exhibited powdery mildew at the Kentucky site, and some moderate amounts of stripe rust were noted at the TN location. As a precaution, the TN location was sprayed with a fungicide across the entire plot at Feekes 9-10. Septoria was present in moderate to high amounts at the KY and MO locations. Fusarium Head Blight was noted at the KY site in slight to moderate amounts. The combination of disease pressures contributed to the mean of 14.1 bushel fungicide response. Aphid presence was monitored closely this past growing season. The colder than typical winter could have played a big role in the low numbers reported all season.

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 are 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. It is the percentage that the square root of error mean square is of the overall test mean yield at that location. Grand Mean is the mean of all values in the group.

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Wheat Tech Research & Development Division:

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Wheat Tech Owner:

Bill Brinkley

Participating Companies:

AgriMAXX Wheat Company

Armor Seed, LLC

Beck's Hybrids

Buchheit, Inc.

Cache River Valley Seed

Corteva AgroSciences Agricultural Division of DowDuPont

Dyna-Gro Seed

Erwin-Keith Inc. (Progeny Ag Products)

Kentucky American Seeds, LLC

KY Small Grain Growers Association

Limagrain Cereal Seed

Seed Consultants, Inc.

Steyer Seeds

Stratton Seed Company

Syngenta - AgriPro

UniSouth Genetics, Inc.

Warren Seed and Agronomy Service

Winfield

Supporting Chemical Companies:

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Syngenta Crop Protection, LLC

Corteva AgroSciences Agricultural Division
of DowDuPont

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Table 1

2017-2018 Missouri Winter Wheat Variety Performance Results

Bertrand, MO

Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Lodging (%)	Height (inches)
Armor RAGE	M	105.8	a*	57.2	0	36
KAS 18X6	M	103.6	ab	59.1	0	38
PEMBROKE 16	E	101.2	abc	58.7	3	35
AgriMAXX 486	M	100.8	a-d	56.8	3	37
AgriMAXX 446	M	100.7	a-d	58.0	0	36
Pioneer variety 26R10	L	100.1	a-e	56.2	0	37
Progeny Ag PGX16-3	M	99.8	a-f	56.5	0	36
AgriMAXX 463	E	99.7	a-g	55.1	4	36
Dyna-Gro 9692	M	99.4	a-h	56.4	0	37
Pioneer variety 26R59	M	98.4	a-i	54.4	0	33
Progeny Ag PGX17-20	M	98.3	a-i	57.7	8	36
KAS Roosevelt	ME	98.1	a-j	56.0	0	35
AgriPro SY Viper	ME	97.2	b-k	56.5	3	37
GoWheat 2058	ME	96.9	b-l	57.6	0	30
Pioneer variety 26R36	ML	96.7	b-m	59.2	0	36
GoWheat 2059	ME	96.6	b-m	55.4	0	35
Pioneer variety 26R41	M	96.6	b-m	57.5	0	32
Armor ARW1719	ME	96.5	b-m	54.2	0	36
KAS 18X7	M	96.4	b-n	56.8	0	37
Dyna-Gro 9522	ML	95.5	c-o	55.2	0	35
PEMBROKE 14	E	95.1	c-o	57.0	0	38
USG 3329	ME	95.1	c-o	55.6	0	35
Dyna-Gro WX17775	M	94.9	c-p	54.7	0	34
AgriMAXX 454	M	94.9	c-p	56.7	0	34
Progeny Ag PGX17-16	M	94.5	c-p	58.4	0	37
DXEX 18-2	M	94.4	c-p	58.5	0	38
AgriMAXX 438	ML	94.2	c-p	54.9	3	38
Beck 726	M	93.8	c-p	54.4	20	35
Dixie Brown	M	93.7	c-p	56.0	0	39
Progeny Ag #Turbo	E	93.3	d-q	57.4	0	35
Dyna-Gro 9750	E	93.1	d-q	54.5	0	35
Warren Seed - McKay 120	M	92.9	d-r	56.2	3	34
Progeny Ag #Bullet	ME	92.5	e-s	55.5	13	38
Progeny Ag #Boss	ME	92.1	f-s	54.7	0	34
Dyna-Gro 9701	ME	91.9	g-s	54.9	0	39
Dyna-Gro WX18724	M	91.6	h-s	56.7	0	36
AgriPro SY 547	ME	91.4	h-t	56.2	11	38
AgriMAXX 473	ME	91.4	i-t	53.2	0	39
KAS Lincoln	M	90.7	i-u	57.3	0	33
Dyna-Gro 9862	M	90.2	j-v	57.3	0	32

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Table 1 - Continued

2017-2018 Missouri Winter Wheat Variety Performance Results

Bertrand, MO

Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Lodging (%)	Height (inches)
AgriPro SY 100	M	90.1	k-v	53.4	5	34
Armor MAYHEM	ME	89.9	k-v	54.9	0	39
DXEX 18-1	M	89.5	k-v	56.5	0	33
Limagrain L11719	M	89.4	k-v	57.1	0	33
USG 3895	M	89.4	k-v	55.6	0	32
Warren Seed - McKenna 335	ME	88.9	l-w	55.8	0	38
Dixie Bentley	ME	88.7	m-w	58.1	4	39
Dyna-Gro 9811	ME	88.5	n-w	55.5	3	36
Dixie McAlister	M	87.7	o-x	55.8	0	32
USG 3536	ME	87.1	p-x	54.7	0	38
AgriMAXX 475	ME	85.5	q-x	55.7	0	34
AGS 2055	M	85.1	r-x	52.6	0	37
USG 3118	E	84.9	s-x	55.6	3	33
AgriMAXX 490	E	83.6	t-x	57.8	14	35
Pioneer variety 26R45	M	83.5	t-x	54.3	15	33
AgriMAXX Exp 1892	E	83.3	u-x	58.6	20	31
Beck 721	ME	83.2	u-x	54.7	0	36
AgriMAXX 480	E	83.0	u-x	57.5	0	34
Dixie Jones	M	82.7	vwX	56.2	6	33
Progeny Ag #Warrior	ME	81.4	wxy	53.4	0	32
Progeny Ag PGX16-7	M	81.2	wxy	55.8	0	32
Progeny Ag PGX16-1	ME	80.2	xy	56.6	10	33
MOMENTUM 104	E	74.8	y	51.8	35	34
Progeny Ag PGX16-4	M	73.6	y	56.7	25	34
LSD P=.05		7.9		.	.	.
CV		6.2		.	.	.
Grand Mean		91.8		56.1	3	35

Planted: October 12, 2017; Harvested: June 10, 2018

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

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Table 2

2017-2018 Tennessee Winter Wheat Variety Performance Results

Trenton, TN

Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Lodging (%)	Height (inches)
AgriPro SY Viper	ME	135.6	a*	61.4	20	39
AgriMAXX 454	M	132.0	ab	60.0	0	39
Pioneer variety 26R45	M	131.6	ab	58.8	0	38
Armor RAGE	M	130.8	abc	59.2	0	40
Dyna-Gro 9692	M	130.4	a-d	59.3	0	39
AgriPro SY 100	M	129.5	a-e	57.2	30	36
KAS Roosevelt	ME	129.2	a-f	59.7	28	38
Warren Seed - McKay 120	M	129.1	a-f	59.9	0	37
CROPLAN SRW 9415	M	128.0	a-g	60.0	0	38
Pioneer variety 26R36	ML	127.2	a-h	60.9	0	38
USG 3329	ME	127.0	a-i	59.3	13	37
AgriMAXX 446	M	126.8	a-j	59.7	18	38
Dyna-Gro 9701	ME	126.6	a-k	59.6	10	41
Beck 721	ME	126.1	a-l	60.6	0	39
Dyna-Gro WX17775	M	125.8	b-l	57.6	33	37
KAS 18X6	M	125.8	b-l	61.0	0	39
USG 3536	ME	125.7	b-l	60.4	5	40
STEYER STEX163	ME	125.5	b-l	59.7	3	37
AgriMAXX 438	ML	124.6	b-m	58.0	30	40
Progeny Ag PGX16-3	M	124.5	b-m	60.7	0	37
AgriMAXX 486	M	124.5	b-m	59.1	0	38
AgriPro SY 547	ME	124.0	b-n	59.3	0	40
STEYER Haubert	M	123.4	b-o	58.6	0	39
Armor ARW1719	ME	122.9	b-p	57.4	20	35
Pioneer variety 26R10	L	121.4	c-q	59.5	0	39
Progeny Ag PGX17-20	M	121.3	c-q	60.5	3	39
AgriMAXX 473	ME	121.2	c-q	59.6	0	40
Limagrain L11719	M	121.0	d-q	60.1	0	37
Progeny Ag #Bullet	ME	120.5	e-r	59.6	0	40
Progeny Ag #Warrior	ME	120.4	e-r	58.7	5	37
Dyna-Gro 9522	ML	120.4	e-r	58.5	0	39
CROPLAN SRW 9606	M	120.3	e-r	59.5	0	36
Beck 726	M	119.9	e-r	58.5	0	35
Armor MAYHEM	ME	119.7	f-r	59.3	33	38
Warren Seed - McKenna 335	ME	119.6	f-r	60.0	0	40
KAS 18X7	M	118.6	g-s	60.1	0	39
STEYER Wharton	ME	118.1	h-s	59.8	0	37
Dyna-Gro 9750	E	117.8	h-s	59.8	0	38
Pioneer variety 26R41	M	117.4	i-s	60.5	0	36
CROPLAN SRW 8550	M	117.2	j-s	59.7	0	39

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Table 2 - Continued

2017-2018 Tennessee Winter Wheat Variety Performance Results

Trenton, TN

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Lodging (%)	Height (inches)
STEYER STEX172	M	117.2 j-s	59.3	8	36
Progeny Ag PGX17-16	M	117.1 j-s	60.6	0	40
AgriMAXX 475	ME	117.1 k-s	59.6	0	37
USG 3895	M	116.8 l-s	59.0	0	35
Progeny Ag PGX16-1	ME	116.7 l-s	60.2	0	35
STEYER Berwick	ME	116.5 l-s	60.6	0	34
GoWheat 2059	ME	115.6 m-s	58.6	0	39
KAS Lincoln	M	115.4 m-t	59.3	20	34
AgriMAXX 463	E	114.9 m-t	58.2	0	37
Dyna-Gro 9811	ME	114.3 n-t	59.8	0	42
AGS 2055	M	114.0 o-t	59.7	0	41
Dyna-Gro WX18724	M	113.4 p-t	59.5	0	38
Dyna-Gro 9862	M	112.6 q-t	59.3	0	35
Progeny Ag #Boss	ME	112.6 q-t	59.8	0	36
GoWheat 2058	ME	110.9 r-u	59.7	0	35
USG 3118	E	109.2 s-v	59.7	15	33
Pioneer variety 26R59	M	109.0 s-v	57.2	0	33
Progeny Ag PGX16-4	M	109.0 s-v	61.6	8	38
Progeny Ag #Turbo	E	105.7 tuv	58.4	0	35
AgriMAXX 490	E	101.8 uv	61.2	0	40
AgriMAXX Exp 1892	E	99.8 v	60.1	0	34
Progeny Ag PGX16-7	M	88.9 w	58.0	0	39
AgriMAXX 480	E	59.8 x	59.6	0	40
LSD P=.05		9.7	.	.	.
CV		5.9	.	.	.
Grand Mean		118.7	59.5	5	38

Planted: October 13, 2017; Harvested: June 9, 2018

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

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Table 3

2017-2018 Kentucky No-Till Winter Wheat Variety Performance Results

Adairville, KY

Variety	Maturity	Fungicide Treated						Fungicide Response (bu/ac)
		Yield (bu/ac)		TW (lb/bu)	Lodging (%)	Height (inches)	Heading Date	
Armor RAGE	M	116.1	a*	56.8	0	35	5/4	21.2
Progeny Ag PGX17-16	M	114.9	ab	58.1	4	37	5/3	19.3
Dyna-Gro 9692	M	114.9	ab	56.8	0	35	5/2	16.1
USG 3329	ME	111.2	abc	57.2	28	33	5/2	17.2
CROPLAN SRW 9415	M	111.1	abc	57.1	31	34	5/3	22.4
SC 13S26	M	110.7	abc	57.1	0	35	5/3	15.0
Limagrain L11719	M	110.4	abc	58.1	4	33	5/3	16.3
AgriMAXX 454	M	110.4	abc	56.7	0	35	5/3	18.6
STEYER Haubert	M	110.2	a-d	56.3	8	35	5/2	15.0
KAS Roosevelt	ME	110.0	a-e	57.1	28	34	5/2	15.6
STEYER STEX163	ME	109.7	a-e	57.1	23	35	5/4	12.8
KAS 18X6	M	109.7	a-e	58.3	30	36	5/1	14.3
AgriPro SY Viper	ME	109.5	a-e	57.5	75	37	5/1	18.7
AgriMAXX 446	M	109.3	a-e	57.1	0	35	5/4	17.7
AGS 2055	M	109.3	a-e	55.2	0	40	5/2	30.8
USG 3895	M	109.3	a-e	56.5	23	31	5/2	21.9
AgriMAXX 486	M	108.5	a-f	57.0	23	35	5/4	17.3
STEYER STEX172	M	107.9	b-g	58.3	23	34	5/1	18.8
Beck 726	M	107.5	b-h	56.2	0	34	5/2	12.5
SC EX308	ME	107.4	b-h	56.6	41	34	5/2	15.0
Pioneer variety 26R59	M	107.2	c-i	55.1	0	30	5/2	12.9
KY07C-1145-94-12-5	M	107.0	c-i	57.2	4	35	5/4	16.9
Dyna-Gro WX18724	M	107.0	c-j	57.6	45	36	5/1	11.7
Dyna-Gro WX17775	M	106.7	c-k	55.5	0	34	5/2	12.3
AgriPro SY 100	M	106.3	c-l	54.6	61	33	5/4	17.0
Armor ARW1719	ME	106.1	c-l	55.4	16	32	5/2	11.7
Progeny Ag PGX16-3	M	105.9	c-m	56.5	15	34	5/2	13.4
Progeny Ag PGX17-20	M	105.8	c-m	56.0	29	34	5/2	14.0
AgriMAXX 463	E	105.6	c-n	54.7	13	31	5/1	13.9
Dyna-Gro 9862	M	105.6	c-n	57.3	29	33	5/4	14.5
Dyna-Gro 9750	E	105.5	c-o	55.6	20	31	5/2	14.5
Pioneer variety 26R45	M	104.8	c-p	55.5	50	34	5/2	6.2
Pioneer variety 26R10	L	104.7	c-q	57.0	0	34	5/4	17.6
AgriMAXX 473	ME	104.3	c-r	55.9	6	36	5/3	11.4
STEYER Berwick	ME	103.6	c-r	57.6	15	33	5/4	14.5
Warren Seed - McKay 120	M	103.6	c-r	55.4	18	35	5/3	17.5
KAS 18X7	M	102.7	d-s	57.0	0	35	5/4	14.0
CROPLAN SRW 9606	M	102.6	d-s	56.2	0	33	5/1	21.0
Armor MAYHEM	ME	102.4	e-t	55.6	4	37	5/2	8.8
Progeny Ag #Boss	ME	101.5	f-u	54.8	0	30	5/2	18.3
KAS Lincoln	M	101.4	f-u	56.2	8	33	5/4	10.2
GoWheat 2058	ME	101.1	f-v	55.7	0	32	5/4	14.6

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Table 3 - Continued

2017-2018 Kentucky No-Till Winter Wheat Variety Performance Results

Adairville, KY

Variety	Maturity	Fungicide Treated						Fungicide Response (bu/ac)
		Yield (bu/ac)	TW (lb/bu)	Lodging (%)	Height (inches)	Heading Date		
AgriMAXX 438	ML	101.1 f-v	56.0	24	36	5/2	9.9	
SC EX328	M	100.9 f-v	54.6	5	34	5/1	12.9	
AgriPro SY 547	ME	100.5 g-v	55.4	43	36	5/1	11.9	
Progeny Ag #Warrior	ME	100.3 g-v	55.2	20	32	5/1	11.2	
CROPLAN SRW 8550	M	100.2 h-v	54.9	10	37	5/2	13.6	
SC 13S37	ML	100.0 h-v	56.1	36	32	5/4	8.1	
KY06C-1178-16-10-3	ME	99.9 h-v	57.1	6	36	5/2	13.8	
USG 3536	ME	99.7 i-v	53.7	0	36	5/2	9.8	
Progeny Ag #Bullet	ME	99.7 i-v	55.2	0	36	5/4	9.2	
Beck 721	ME	99.4 j-w	55.2	24	37	5/2	9.2	
Dyna-Gro 9522	ML	99.3 k-w	55.2	0	34	5/4	17.2	
AgriMAXX 475	ME	99.1 k-x	57.2	8	34	5/1	29.7	
Pioneer variety 26R36	ML	99.0 l-x	56.5	10	34	5/4	13.9	
Dyna-Gro 9701	ME	98.4 m-y	55.4	10	37	5/2	6.9	
Progeny Ag #Turbo	E	98.4 m-y	55.4	0	34	5/1	4.4	
Dyna-Gro 9811	ME	98.1 n-y	56.2	4	35	5/2	11.4	
PEMBROKE 16	E	97.9 o-y	56.3	4	33	5/1	13.1	
GoWheat 2059	ME	97.5 p-z	54.3	23	32	5/2	9.7	
X08C-1077-11-18-3	M	97.2 q-z	56.5	13	34	5/4	5.9	
Warren Seed - McKenna 335	ME	96.8 r-z	55.1	3	36	5/4	8.0	
MOMENTUM 104	E	95.7 s-z	54.7	69	32	5/1	15.8	
AgriMAXX Exp 1892	E	95.5 s-z	57.1	26	30	5/1	12.0	
Progeny Ag PGX16-1	ME	94.9 t-z	55.8	34	34	5/3	16.7	
Pioneer variety 26R41	M	94.4 u-z	55.3	8	31	5/2	10.4	
Progeny Ag PGX16-7	M	93.8 v-A	56.6	0	34	4/30	10.1	
PEMBROKE 14	E	91.9 w-A	56.8	11	34	5/3	17.7	
Progeny Ag PGX16-4	M	91.6 x-A	56.7	24	34	5/2	10.4	
STEYER Wharton	ME	90.9 yzA	56.6	0	31	4/30	20.6	
AgriMAXX 490	E	90.1 zA	56.8	51	33	4/27	6.2	
USG 3118	E	86.6 A	56.0	30	30	4/30	12.2	
AgriMAXX 480	E	65.9 B	56.9	10	33	4/28	2.8	
LSD P=.05		7.6	.	.	.	.	.
CV		5.3	.	.	.	.	.
Grand Mean		102.5	56.2	16	34	5/2	14.1	

Planted: October 18, 2017; Harvested: June 15, 2018

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

Wheat Tech Agronomy

Table 4

2017-2018 Winter Wheat Variety Performance Results

Three Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Lodging (%)	Height (inches)
Armor RAGE	M	117.6	57.7	0	37
Dyna-Gro 9692	M	114.9	57.5	0	37
AgriPro SY Viper	ME	114.1	58.5	33	37
KAS 18X6	M	113.0	59.5	10	38
AgriMAXX 454	M	112.4	57.8	0	36
KAS Roosevelt	ME	112.4	57.6	18	36
AgriMAXX 446	M	112.3	58.3	6	36
AgriMAXX 486	M	111.3	57.6	8	37
USG 3329	ME	111.1	57.4	13	35
Progeny Ag PGX16-3	M	110.1	57.9	5	36
Dyna-Gro WX17775	M	109.1	55.9	11	35
Progeny Ag PGX17-16	M	108.8	59.0	1	38
Pioneer variety 26R10	L	108.7	57.6	0	37
AgriPro SY 100	M	108.6	55.1	32	34
Warren Seed - McKay 120	M	108.5	57.2	7	36
Armor ARW1719	ME	108.5	55.7	12	34
Progeny Ag PGX17-20	M	108.5	58.1	13	36
Pioneer variety 26R36	ML	107.6	58.8	3	36
Beck 726	M	107.1	56.4	7	35
Limagrain L11719	M	106.9	58.4	1	34
AgriMAXX 463	E	106.7	56.0	5	35
Pioneer variety 26R45	M	106.7	56.2	22	35
AgriMAXX 438	ML	106.6	56.3	19	38
KAS 18X7	M	105.9	58.0	0	37
AgriMAXX 473	ME	105.6	56.2	2	38
Dyna-Gro 9701	ME	105.6	56.6	7	39
Dyna-Gro 9750	E	105.4	56.6	7	35
AgriPro SY 547	ME	105.3	57.0	18	38
USG 3895	M	105.2	57.0	8	33
Dyna-Gro 9522	ML	105.1	56.3	0	36
Pioneer variety 26R59	M	104.9	55.6	0	32
Progeny Ag #Bullet	ME	104.2	56.8	4	38
USG 3536	ME	104.2	56.3	2	38
Armor MAYHEM	ME	104.0	56.6	12	38
Dyna-Gro WX18724	M	104.0	57.9	15	37
GoWheat 2059	ME	103.3	56.1	8	35
GoWheat 2058	ME	103.0	57.7	0	33
Beck 721	ME	102.9	56.8	8	38
Dyna-Gro 9862	M	102.8	58.0	10	33
Pioneer variety 26R41	M	102.8	57.8	3	33

Wheat Tech Agronomy

Table 4 - Continued

2017-2018 Winter Wheat Variety Performance Results

Three Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Lodging (%)	Height (inches)
AGS 2055	M	102.8	55.8	0	39
KAS Lincoln	M	102.5	57.6	9	33
Progeny Ag #Boss	ME	102.1	56.4	0	34
Warren Seed - McKenna 335	ME	101.8	57.0	1	38
Progeny Ag #Warrior	ME	100.7	55.8	8	34
AgriMAXX 475	ME	100.6	57.5	3	35
Dyna-Gro 9811	ME	100.3	57.2	2	38
Progeny Ag #Turbo	E	99.1	57.1	0	35
Progeny Ag PGX16-1	ME	97.3	57.5	15	34
USG 3118	E	93.6	57.1	16	32
AgriMAXX Exp 1892	E	92.9	58.6	15	31
AgriMAXX 490	E	91.8	58.6	22	36
Progeny Ag PGX16-4	M	91.4	58.3	19	36
Progeny Ag PGX16-7	M	88.0	56.8	0	35
AgriMAXX 480	E	69.6	58.0	3	36
Grand Mean		104.4	57.2	8	36