2023 Wheat Variety Performance Trial Results

WHEAT TECH RESEARCH AND DEVELOPMENT DIVISION
WHEAT TECH

Wheat Tech Agronomy
2023 Wheat Variety Performance Tests

General Information:

The 2022-2023 soft red winter wheat variety performance tests were conducted at three different sites: Auburn, Kentucky; Hopkinsville, Kentucky; and Charleston, Missouri. The KY locations contained 60 and the MO location contained 34 different varieties.

Varieties were tested using no-till practices at all locations, and the preceding crop for all locations was corn except for MO, which was soybeans. Seeding rates used were as follows: MO was 325 s/yd^2, while both KY sites were 375 s/yd^2. 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 the KY locations was a January-February/March split application. 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 Hopkinsville, KY and Missouri sites all replications were sprayed with a fungicide at both timings, however; an untreated fifth replication is also placed to help evaluate disease tolerances. All locations were non-irrigated.

Growing Season:

The 2022-2023 wheat season got off to a difficult start. The extremely dry conditions that had plagued the months prior to October would continue and make some stand establishment slow. Planting would begin on October 12th at the Hopkinsville, KY site. Conditions were extremely dry at planting. According to www.kymesonet.org, Hopkinsville received only 0.2" of measurable rainfall from September 5th – October 24th. Stand establishment was thinner throughout the remainder of the year due to the dry conditions in the fall. Herbicide applications also become difficult for several acres of wheat in the county. Despite also being very dry, our Auburn, KY site would receive 0.7" of rain on the 12th and would be planted shortly after on the 15th. This small amount would allow for just enough soil moisture to establish and great stand. The decision was made to wait a little longer on planting at our Missouri location due to dry conditions. According to www.climate.com, that site had 0.0" between September 11th and October 11th, and it would not see any rain until the 12th. Regardless of that small amount we waited until October 22nd to plant and did receive 1.2" to finish out the month.

The trend of dryness would continue for Hopkinsville during the month of November. This would not help our stand or ability to establish tillers during the fall months. Only 1.5 inches of precipitation would fall at the Christian County site, which would be 2.1 inches shy of the 5-year average. Over 40% less rain during an already dry period would only further contribute to the thinner stand establishment of the wheat. Meanwhile, our Logan County location would receive 4.2" in the month of November, which is 1.1" over the 5-year average. MO would also remain 0.6" over the 5-Year average.

Our weather would continue to be more atypical throughout the winter. Cooler than average temperatures beginning from around November 11th would end with a dose of incredibility cold temperatures from December 22nd- 28th. According to www.climate.com, temperatures on December 23rd would fall to as low as -5°F at Christian County. Wheat Tech R&D's WatchDog Weather Station also recorded a low of -7.1°F in Auburn. This would cause some cold injury and slow wheat down tremendously. Other areas did also see some herbicide injury during this time, especially in the Christian County, KY area, where a lot of herbicide applications were sprayed prior to this event. Conversely, the weather for the state of KY from January through February was one of the warmest ever recorded. According to the UK Wheat Newsletter Volume 27

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Issue 1 (https://wheatscience.ca.uky.edu/newsletters), "As the 'meteorological' winter ends (Dec 1 to Feb 28) for 2023, we are project-ed to have the warmest winter on record. This is impressive considering the sub-zero temperatures in late December 2022". These warmer temperatures would seemingly bring the wheat back from the cold injury, however; it would create other problems.

With warmer winter temperatures comes the threat of two items for our wheat crop, aphid pressure and potential for early spring freeze injury. This extremely warm winter would bring both of these obstacles to the crop. Aphid pressure would reach high levels in at our Hopkinsville, KY site, and therefore, it would be rated for the subsequent Barley Yellow Dwarf Virus. The aphids will vector and transmit the virus, however; it is always difficult to know how many of the population will have it. With the increase in the population the risk level for infection also increased, and in the case of that location, it was easily detectable across the trials. All of our plots also experienced some freeze injury. Although it did vary across locations. Below is a table with the recorded temperatures from our Logan County, KY location. There were a total of 31 hours over a 6 day period at which the crop spend below 24°F. The wheat was marked at Feekes 6 on March 9th, although at that time; there were approximately 16 varieties that the joint had not begun to move up the stem much or at all. Despite the extremely high risk for a lot of freeze injury, only a small portion of the entire location was damaged.

Auburn, KY WTI WatchDog Weather Station							
Date and Time	**Temp (*F)**	**Date and Time**	**Temp (*F)**	**Date and Time**	**Temp (*F)**	**Date and Time**	**Temp (*F)**
3/14/2023 22:32	23.7	3/18/2023 4:32	22.9	3/18/2023 22:32	22.9	3/19/2023 20:32	22.9
3/14/2023 23:32	23.7	3/18/2023 5:32	22.0	3/18/2023 23:32	22.9	3/19/2023 21:32	22.9
3/15/2023 0:32	23.7			3/19/2023 0:32	22.0	3/19/2023 22:32	19.2
3/15/2023 1:32	20.1			3/19/2023 1:32	22.0	3/19/2023 23:32	18.2
3/15/2023 2:32	21.0			3/19/2023 2:32	22.0	3/20/2023 0:32	19.2
3/15/2023 3:32	21.0			3/19/2023 3:32	22.0	3/20/2023 1:32	18.2
3/15/2023 4:32	22.0			3/19/2023 4:32	22.9	3/20/2023 2:32	16.3
3/15/2023 5:32	18.2			3/19/2023 5:32	22.9	3/20/2023 3:32	15.3
3/15/2023 6:32	22.0			3/19/2023 6:32	22.9	3/20/2023 4:32	18.2
						3/20/2023 5:32	17.3
						3/20/2023 6:32	21.0

With all the obstacles from planting through the springtime, wheat performed very well. A cooler grain fill period combined with very little disease pressure on both the foliar parts of plants as well as the head itself, lead to a very good wheat harvest. Disease movement was tracked throughout the end of the season, but no disease was deemed high enough to warrant any ratings. Harvest was delayed at the beginning due to cooler temperatures. Wheat would be slow to dry, however; plots were all still harvested in a timely manner.

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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 90% 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.

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Wheat Tech Research & Development Division:

Brad Wilks – Research Director
Ben Goodrum – Research Associate
Brett Maxwell – Research Associate
Tyler Fuesler – Research Associate

Wheat Tech Owner:

Bill Brinkley

Participating Companies:

AgriMAXX Wheat Company
Beck's Hybrids
Corteva AgriScience – Pioneer Seed
CROPLAN
Erwin-Keith Inc. (Progeny Ag Products)
GROWMARK, Inc.
Kentucky American Seeds, LLC
KY Small Grain Growers Association/
University of Kentucky
Nutrien Ag Solutions – Dyna-Gro Seed
UniSouth Genetics, Inc.

Supporting Chemical Companies:

BASF
Bayer CropScience
Corteva AgriScience
FMC Corporation
Syngenta Crop Protection, LLC

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2022-2023 Missouri Winter Wheat Variety Performance Results

Charleston, MO

Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Height (inches)
USG 3472	M	153.0	a*	58.8	37
AgriMAXX 516	M/ML	152.7	ab	58.4	36
PROGENY #BUSTER	M	151.7	abc	61.5	38
AgriMAXX 525	M/ML	148.3	a-d	59.5	37
Revere Reagan	ML	145.6	a-e	57.4	36
AgriMAXX 503	ME	145.2	a-e	58.6	37
Dyna-Gro 9231	ME	144.8	a-f	58.8	38
KAS 23X02	ML	144.4	a-f	58.2	36
USG 3352	ME	143.8	b-g	59.0	36
Dyna-Gro 9172	M	143.5	c-g	58.6	36
PROGENY #BINGO	M	142.0	d-h	58.1	38
PROGENY PGX 22-4	ML	140.6	d-i	60.4	35
Dyna-Gro WX23444	M	138.3	e-j	57.2	36
AgriMAXX 513	ME	138.2	e-j	60.0	37
Revere Monroe	ME	137.8	e-k	58.7	38
AgriMAXX 531	VE	137.3	e-l	60.0	39
USG 3783	ML	136.1	f-l	58.6	34
AgriMAXX 514	M	136.1	f-l	58.1	36
PROGENY PGX 22-3	ME	135.1	g-l	58.3	35
AgriMAXX 535	ME	133.7	h-l	60.3	35
AgriMAXX 505	M	133.3	h-l	59.8	38
USG 3463	M	133.2	h-l	56.5	34
Dyna-Gro 9120	E	132.9	i-l	60.2	35
PROGENY PGX 22-1	M	132.6	i-l	57.7	38
Dyna-Gro 9290	E	132.4	i-l	58.7	35
Revere Washington	M	131.2	jkl	56.8	36
PROGENY PGX 22-2	M	130.5	jkl	59.0	38
Dyna-Gro 9422	M	130.3	jkl	57.9	36
Dyna-Gro 9393	ML	130.3	jkl	57.9	34
Dyna-Gro 9151	ME	129.7	jkl	60.1	37
AgriMAXX EXP 2302	M	129.5	jkl	58.9	34
Revere Liberty	E	129.0	kl	57.0	35
Dyna-Gro 9481	ME	128.7	l	57.5	35
AgriMAXX 511	E	116.8	m	57.4	34
LSD P=.10		8.9		.	.
CV		5.5		.	.
Grand Mean		**137.3**		**58.7**	**36**

Planted: October 22, 2022; Harvested: June 15, 2023

* - Means followed by same letter do not significantly differ (P=.10, LSD)

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2022-2023 Christian County, KY Winter Wheat Variety Performance Results

Hopkinsville, KY

Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Height (inches)	BYDV¥ (0-10) 4/26/23
Revere Reagan	ML	137.9	a*	59.5	37	2
USG 3352	ME	132.1	ab	60.5	41	0
CROPLAN CP8224	TBD	131.0	abc	61.8	38	1
GROWMARK FS 624	M	130.8	a-d	60.7	41	2
KAS 23X02	ML	130.1	a-e	60.1	36	2
Beck's 720	E	128.6	a-f	60.9	38	1
Revere Washington	M	128.4	a-f	60.2	37	2
USG 3472	M	127.5	a-g	60.7	37	1
Dyna-Gro 9231	ME	127.3	a-g	60.8	40	2
PROGENY #BINGO	M	126.7	a-h	59.4	37	1
GROWMARK FS WX23B	ME	126.0	b-i	60.4	39	2
PROGENY PGX 22-4	ML	126.0	b-i	62.0	37	1
GROWMARK FS 617	M	125.6	b-i	60.3	37	2
Pioneer variety 26R36	ML	125.5	b-i	61.4	37	1
CROPLAN CP8022	M	125.0	b-j	60.7	36	2
Beck's 724	ME	124.7	b-k	62.2	38	2
Dyna-Gro 9172	M	124.3	b-l	60.0	36	1
Beck's 732	ML	123.7	b-m	59.8	37	1
GROWMARK FS 745	M	123.7	b-m	59.5	36	2
AgriMAXX 525	M/ML	123.6	b-m	60.8	35	2
AgriMAXX 513	ME	123.2	b-m	61.8	38	2
Dyna-Gro 9151	ME	122.0	b-n	62.7	38	2
Dyna-Gro 9422	M	122.0	b-n	60.6	38	4
Pioneer variety 26R45	M	121.6	b-o	60.0	38	2
Pioneer variety 26R33	ML	121.3	b-o	60.9	37	3
AgriMAXX 535	ME	121.2	b-o	61.9	36	4
PROGENY #BUSTER	M	120.6	c-o	62.0	36	1
PROGENY PGX 22-1	M	119.9	c-p	60.0	37	2
PROGENY PGX 22-2	M	119.6	d-p	61.4	39	3
AgriMAXX 514	M	119.5	e-p	59.5	36	2
AgriMAXX 531	VE	118.9	e-p	61.3	40	1
AgriMAXX 511	E	118.7	f-q	58.8	37	5
Revere Monroe	ME	117.9	f-q	60.6	38	1
X11-0120-12-4-3	ML	117.7	f-q	60.5	37	2
GROWMARK FS 623	M	117.5	f-q	60.2	40	1
USG 3463	M	117.0	g-q	59.2	34	1
GROWMARK FS 600	ME	116.4	g-r	62.7	37	1
AgriMAXX 516	M/ML	115.6	h-r	60.5	36	1
GROWMARK FS WX23A	M	114.9	i-r	60.3	36	2
AgriMAXX 505	M	114.3	j-r	62.6	36	2
GROWMARK FS 603	ME	114.2	j-s	59.6	36	2
CROPLAN CP8081	E	114.0	j-s	60.0	35	2
GROWMARK FS 606	E	113.6	k-s	62.3	41	2
PROGENY PGX 22-3	ME	113.6	k-s	58.6	34	3

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2022-2023 Christian County, KY Winter Wheat Variety Performance Results - Continued

Hopkinsville, KY

Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Height (inches)	BYDV¥ (0-10) 4/26/23
Dyna-Gro 9393	ML	113.1	l-s	59.1	34	1
AgriMAXX 503	ME	112.9	m-s	60.0	37	3
USG 3783	ML	111.7	n-t	60.1	34	1
Revere Liberty	E	111.0	n-t	59.7	35	3
CROPLAN CP8045	M	110.6	o-t	59.7	35	1
AgriMAXX EXP 2302	M	108.7	p-u	59.6	35	0
Dyna-Gro WX23444	M	108.7	p-u	57.9	37	2
Dyna-Gro 9120	E	107.5	q-u	61.2	34	1
Pioneer variety 26R10	L	107.5	q-u	60.9	35	3
X11-0039-1-17-5	E	105.6	r-u	59.6	34	4
Dyna-Gro 9481	ME	103.0	s-v	58.1	35	4
GROWMARK FS 597	E	101.0	tuv	60.0	35	2
Pioneer variety 26R41	ME	101.0	tuv	59.9	34	3
Pembroke 2021	E	100.5	tuv	60.2	36	3
Pioneer variety 26R59	ME	98.0	uv	59.3	30	2
Dyna-Gro 9290	E	92.6	v	59.7	35	2
LSD P=.10		11.2		.	.	.
CV		8.2		.	.	.
Grand Mean		**118.0**		**60.4**	**37**	**2**

Planted: October 12, 2022; Harvested: June 17, 2023

* - Means followed by same letter do not significantly differ (P=.10, LSD)

¥ - BYDV: Barley Yellow Dwarf Virus. 0 equals no visual symptoms and 10 equals extremely high levels of symptomology

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2021-2022 Logan County, KY Winter Wheat Variety Performance Results

Auburn, KY

		Fungicide Treated					
Variety	Maturity	Yield (bu/ac)		TW (lb/bu)	Height (inches)	Heading Date	Fung Response (bu/ac)
Revere Reagan	ML	156.7	a*	57.7	39	4/30	18.2
Revere Washington	M	155.5	ab	58.0	40	4/27	18.2
PROGENY PGX 22-4	ML	154.5	abc	60.3	39	4/28	5.8
CROPLAN CP8224	TBD	153.5	a-d	60.5	39	4/28	10.4
USG 3352	ME	152.4	a-e	58.6	41	4/28	12.4
Dyna-Gro 9422	M	152.1	a-f	57.7	40	4/27	8.2
CROPLAN CP8045	M	151.0	a-g	58.9	40	4/28	11.5
GROWMARK FS 745	M	150.9	a-g	58.8	39	4/28	10.4
AgriMAXX 525	M/ML	150.1	b-h	59.2	38	4/30	9.4
KAS 23X02	ML	149.6	b-i	58.6	39	4/29	6.1
CROPLAN CP8022	M	149.1	b-j	58.8	38	4/27	9.9
GROWMARK FS 606	E	149.0	c-j	60.5	45	4/27	3.9
Pioneer variety 26R36	ML	147.9	d-k	59.1	40	4/28	13.9
Dyna-Gro 9231	ME	147.4	d-k	59.2	40	4/28	12.8
Beck's 720	E	147.3	d-k	59.3	40	4/27	10.4
USG 3472	M	147.3	d-k	58.9	39	4/30	6.1
AgriMAXX 503	ME	147.0	e-l	58.9	41	4/28	7.8
PROGENY #BINGO	M	146.7	e-m	58.5	39	4/28	9.1
GROWMARK FS WX23B	ME	146.6	e-m	59.0	39	4/27	9.1
Beck's 732	ML	146.4	e-m	59.0	39	4/28	10.9
Revere Monroe	ME	146.2	e-n	59.3	41	4/28	11.0
PROGENY #BUSTER	M	145.7	f-o	60.0	40	4/27	10.6
GROWMARK FS 600	ME	145.4	g-o	60.0	38	4/28	13.7
AgriMAXX 531	VE	145.1	g-o	59.8	44	4/22	0.6
Beck's 724	ME	144.8	g-p	59.9	39	4/28	13.1
GROWMARK FS 617	M	144.1	h-q	59.3	39	4/30	10.5
AgriMAXX 514	M	143.9	h-q	58.4	40	4/28	12.8
Dyna-Gro 9172	M	143.4	i-r	58.5	39	4/28	5.5
Revere Liberty	E	142.9	j-s	57.0	37	4/27	11.3
PROGENY PGX 22-2	M	142.9	j-s	59.9	41	4/28	7.0
GROWMARK FS 624	M	142.8	j-s	60.4	42	4/27	14.2
AgriMAXX 513	ME	142.6	k-t	59.6	40	4/24	10.0
Pioneer variety 26R33	ML	142.4	k-u	60.0	40	4/30	6.2
AgriMAXX 535	ME	142.0	k-u	59.9	37	4/28	10.3
Dyna-Gro 9151	ME	141.9	k-u	60.0	38	4/28	9.5
GROWMARK FS 623	M	140.8	l-u	59.3	42	4/28	9.6
Pioneer variety 26R45	M	140.6	l-u	57.9	40	4/26	7.1
AgriMAXX 505	M	140.5	m-u	59.8	40	4/28	8.9
X11-0039-1-17-5	E	140.5	m-u	58.4	36	4/25	13.0
AgriMAXX 511	E	139.9	n-v	58.2	39	4/24	9.8
AgriMAXX 516	M/ML	139.9	n-v	58.5	38	4/28	4.9
PROGENY PGX 22-1	M	139.6	o-v	58.0	41	4/28	12.4
Dyna-Gro 9120	E	138.6	p-v	60.1	38	4/24	4.9

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Auburn, KY

		Fungicide Treated					
Variety	**Maturity**	**Yield (bu/ac)**		**TW (lb/bu)**	**Height (inches)**	**Heading Date**	**Fung Response (bu/ac)**
Dyna-Gro 9393	ML	138.6	p-v	59.3	37	4/29	14.7
Pioneer variety 26R10	L	138.5	p-v	59.5	38	4/28	10.9
GROWMARK FS WX23A	M	138.4	p-v	58.2	39	4/28	6.6
USG 3463	M	138.0	q-w	57.2	36	4/27	7.3
Dyna-Gro WX23444	M	137.2	r-w	58.2	40	4/22	9.6
USG 3783	ML	136.8	s-w	59.0	36	4/30	10.8
AgriMAXX EXP 2302	M	136.3	t-w	58.9	36	4/29	7.9
X11-0120-12-4-3	ML	136.0	uvw	58.6	39	4/30	6.9
GROWMARK FS 603	ME	134.0	vwx	58.7	38	4/27	11.5
PROGENY PGX 22-3	ME	131.9	wx	58.6	35	4/27	11.4
Dyna-Gro 9481	ME	131.8	wx	58.1	36	4/26	8.2
CROPLAN CP8081	E	131.7	wx	58.7	38	4/26	5.2
Pembroke 2021	E	128.8	xy	59.7	37	4/25	10.5
Pioneer variety 26R59	ME	127.8	xy	57.3	34	4/25	9.2
Pioneer variety 26R41	ME	123.8	yz	59.4	36	4/28	11.6
GROWMARK FS 597	E	123.1	yz	58.4	37	4/26	9.3
Dyna-Gro 9290	E	120.0	z	58.2	36	4/24	12.2
LSD P=.10		6.4		.	.	.	.
CV		3.9		.	.	.	.
Grand Mean		**142.2**		**59.0**	**38.9**	**4/27**	**9.8**
Planted: October 15, 2022; Harvested: June 24, 2023							

* - Means followed by same letter do not significantly differ (P=.10, LSD)

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2022-2023 Winter Wheat Variety Performance Results

Kentucky Two Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
Revere Reagan	ML	147.3	58.6	38
CROPLAN CP8224	TBD	142.3	61.2	39
USG 3352	ME	142.3	59.6	41
Revere Washington	M	142.0	59.1	39
PROGENY PGX 22-4	ML	140.3	61.2	38
KAS 23X02	ML	139.9	59.4	38
Beck's 720	E	138.0	60.1	39
USG 3472	M	137.4	59.8	38
Dyna-Gro 9231	ME	137.4	60.0	40
GROWMARK FS 745	M	137.3	59.2	38
CROPLAN CP8022	M	137.1	59.8	37
Dyna-Gro 9422	M	137.1	59.2	39
AgriMAXX 525	M/ML	136.9	60.0	37
GROWMARK FS 624	M	136.8	60.6	42
Pioneer variety 26R36	ML	136.7	60.3	39
PROGENY #BINGO	M	136.7	59.0	38
GROWMARK FS WX23B	ME	136.3	59.7	39
Beck's 732	ML	135.1	59.4	38
GROWMARK FS 617	M	134.9	59.8	38
Beck's 724	ME	134.8	61.1	39
Dyna-Gro 9172	M	133.9	59.3	38
PROGENY #BUSTER	M	133.2	61.0	38
AgriMAXX 513	ME	132.9	60.7	39
Revere Monroe	ME	132.1	60.0	40
AgriMAXX 531	VE	132.0	60.6	42
Dyna-Gro 9151	ME	132.0	61.4	38
Pioneer variety 26R33	ML	131.9	60.5	39
AgriMAXX 514	M	131.7	59.0	38
AgriMAXX 535	ME	131.6	60.9	37
GROWMARK FS 606	E	131.3	61.4	43
PROGENY PGX 22-2	M	131.3	60.7	40
Pioneer variety 26R45	M	131.1	59.0	39
GROWMARK FS 600	ME	130.9	61.4	38
CROPLAN CP8045	M	130.8	59.3	38
AgriMAXX 503	ME	130.0	59.5	39
PROGENY PGX 22-1	M	129.8	59.0	39
AgriMAXX 511	E	129.3	58.5	38
GROWMARK FS 623	M	129.2	59.8	41
AgriMAXX 516	M/ML	127.8	59.5	37
USG 3463	M	127.5	58.2	35
AgriMAXX 505	M	127.4	61.2	38
Revere Liberty	E	127.0	58.4	36
X11-0120-12-4-3	ML	126.9	59.6	38
GROWMARK FS WX23A	M	126.7	59.3	38
Dyna-Gro 9393	ML	125.9	59.2	36

Data provided by Wheat Tech R&D Division 270-586-1776/ www.wheattech.com

Wheat Tech Agronomy

2022-2023 Winter Wheat Variety Performance Results - Continued

Kentucky Two Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
USG 3783	ML	124.3	59.6	35
GROWMARK FS 603	ME	124.1	59.2	37
Dyna-Gro 9120	E	123.1	60.7	36
X11-0039-1-17-5	E	123.1	59.0	35
Pioneer variety 26R10	L	123.0	60.2	37
Dyna-Gro WX23444	M	123.0	58.1	39
CROPLAN CP8081	E	122.9	59.4	37
PROGENY PGX 22-3	ME	122.8	58.6	35
AgriMAXX EXP 2302	M	122.5	59.3	36
Dyna-Gro 9481	ME	117.4	58.1	36
Pembroke 2021	E	114.7	60.0	37
Pioneer variety 26R59	ME	112.9	58.3	32
Pioneer variety 26R41	ME	112.4	59.7	35
GROWMARK FS 597	E	112.1	59.2	36
Dyna-Gro 9290	E	106.3	59.0	36
Grand Mean		**130.1**	**59.7**	**38**

Wheat Tech Agronomy

2022-2023 Winter Wheat Variety Performance Results

Three Location Average

Variety	Maturity	Yield (bu/ac)	TW (lb/bu)	Height (inches)
Revere Reagan	ML	146.7	58.2	37
USG 3352	ME	142.8	59.4	39
USG 3472	M	142.6	59.5	38
KAS 23X02	ML	141.4	59.0	37
AgriMAXX 525	M/ML	140.7	59.8	37
PROGENY PGX 22-4	ML	140.4	60.9	37
Dyna-Gro 9231	ME	139.8	59.6	39
PROGENY #BUSTER	M	139.3	61.2	38
PROGENY #BINGO	M	138.5	58.7	38
Revere Washington	M	138.4	58.3	38
Dyna-Gro 9172	M	137.1	59.0	37
AgriMAXX 516	M/ML	136.1	59.1	37
AgriMAXX 503	ME	135.0	59.2	38
Dyna-Gro 9422	M	134.8	58.7	38
AgriMAXX 513	ME	134.7	60.5	38
Revere Monroe	ME	134.0	59.5	39
AgriMAXX 531	VE	133.8	60.4	41
AgriMAXX 514	M	133.2	58.7	37
AgriMAXX 535	ME	132.3	60.7	36
Dyna-Gro 9151	ME	131.2	60.9	38
PROGENY PGX 22-2	M	131.0	60.1	39
PROGENY PGX 22-1	M	130.7	58.6	39
USG 3463	M	129.4	57.6	35
AgriMAXX 505	M	129.4	60.7	38
USG 3783	ML	128.2	59.2	35
Dyna-Gro WX23444	M	128.1	57.8	38
Revere Liberty	E	127.6	57.9	36
Dyna-Gro 9393	ML	127.3	58.8	35
PROGENY PGX 22-3	ME	126.9	58.5	35
Dyna-Gro 9120	E	126.3	60.5	36
AgriMAXX 511	E	125.1	58.1	37
AgriMAXX EXP 2302	M	124.8	59.1	35
Dyna-Gro 9481	ME	121.2	57.9	35
Dyna-Gro 9290	E	115.0	58.9	35
Grand Mean		**133.0**	**59.3**	**37**