



2020 Corn Hybrid Performance Trial Results

WHEAT TECH RESEARCH AND DEVELOPMENT DIVISION
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Wheat Tech Agronomy
Table of Contents

General, Growing Season Information, and Data interpretation	1 & 2
Acknowledgements	3
Mississippi County (Charleston, MO)	4
Early Group	5
Medium Group	5
Late Group	6
Christian County (Pembroke, KY)	7
Simpson County (Franklin, KY)	9
Larue County (Hodgenville, KY)	11
Caldwell County (Princeton, KY)	13
Warren County (Bowling Green, KY)	15
Kentucky Five Location Average	17
Early Group	19
Medium Group	20
Late Group	21
Six Location Average	22
Corn Hybrid Characteristics	23

Wheat Tech Agronomy 2020 Corn Hybrid Performance Test

General Information:

The 2020 Corn Hybrid Performance Tests were conducted in five different counties in Kentucky: Caldwell (Princeton), Christian (Pembroke), Warren (Bowling Green), Simpson (Franklin) and Larue County (Hodgenville). A single test site was also in Mississippi County (Charleston), MO. Wheat Tech will typically have a hybrid performance test in each of the previously stated counties in order to encompass the range of corn growing acres that are consulted on.

Hybrids were separated into three maturity categories: early (≤ 111 days), medium (112-114 days) and late (≥ 115 days). There was a total of 86 different hybrids tested this year at all the KY locations, with 17 in the early group, 36 in the medium group, and 33 in the late group. The MO location had a total of 47 hybrids, with 4 in the early group, 19 in the medium, and 24 in the late. The plots were planted in two rows by 35 feet with a Kincaid Voltra planter. They were also set up in a randomized complete block design, with four replications. All pre and post sprays were conducted by Wheat Tech. Locations were harvested using a Kincaid 8-XP combine with a HarvestMaster Classic GrainGage HM800 running the Mirus software. The following chart contains quick information about each location.

Location:	Christian County, KY	Mississippi County, MO	Simpson County, KY	Larue County, KY	Caldwell County, KY	Warren County, KY
Planting Date:	4/7/2020	4/10/2020	4/11/2020	4/21/2020	4/22/2020	5/2/2020
Harvest Date:	9/18/2020	9/15/2020	9/22/2020	10/8/2020	10/7/2020	10/2/2020
Irrigation:	NO	NO	NO	NO	NO	NO
Previous Crop:	Soybean	Soybean	Soybean	Soybean	Soybean	Soybean
Soil Type:	Pembroke silt loam	Caruthersville very fine sandy loam	Mountview silt loam	Bedford silt loam	Crider silt loam	Pembroke silt loam
Tillage System:	No-till	Strip-till	Conventional till	No-till	No-till	No-till
Seeding Rate:	30,000	32,000	30,000	30,000	30,000	30,000
Row space:	30"	30"	30"	30"	30"	30"

Growing Season:

The corn growing season would begin similar to other aspects of life and society in 2020, full of challenges and uncertainty at times. Planting throughout much of the southeast would be delayed due to colder air and ground temperatures combined with too much soil moisture. The trend of colder than average temperatures would prove problematic for planting corn. Temperatures would struggle to get high enough for corn to emerge quickly. This is a typical situation for planting done at the beginning to middle of April, however; Table 1 illustrates the continued trend and its negative impact on early season corn growth.

In Table 1, the average monthly temperatures from April through September and the average of year's 2019 through 2015 are compared to 2020. Along with those, are the accumulated GDDs (Growing Degree Days) for the months of April and May. Not all corn is planted on April 1st, but this table gives a relative amount of time and compares it to a 5-year average at the same location. Through those two months Bowling Green, KY was 192 GDD lower than the 5-year average. These missing GDD would result in delayed emergence and slower growing corn or corn that was not at growth stages typical for the time of year. Corn was approximately 2 weeks behind what is normal for our plot locations. Emergence for all our sites planted before April 12th would be between 15 and 18 days regardless of the type of soil or tillage, but even for our later planted sites, it would remain between 12 and 13 days. All the information is collected from www.kymesonet.org, and the Western Kentucky University Farm is where our Warren County, KY site is located.

Wheat Tech Agronomy 2020 Corn Hybrid Performance Test

In addition to the lower than averages temperatures, there would also be three separate occasions where they would drop below freezing. The dates of April 15th, April 16th and May 9th would bring freezing temperatures and some areas a heavy frost, although not all regions of our plots were affected similarly. For example, the Charleston, MO site would experience little to no freeze in May, while our Hodgenville, KY site it would have a more significant impact on crops. (For more information on the spring freezes and their effect on the 2019-2020 winter wheat crop, go to

http://www.wheattech.com/uploaded/research/Pro_1594073971_33.pdf)

Table. 1 Kentucky Mesonet at WKU Farm (Bowling Green, KY)								
	Ave Temp	Ave Temp	Ave Temp	GDD's	Ave Temp	Ave Temp	Ave Temp	Ave Temp
Year/Month	March	April	May	April-May	June	July	August	Sept.
2020	52.3	54.4	63.7	719	73.9	79.2	75.3	68.5
2019	44.6	58.7	69.7	951	73.3	77.7	76.2	75.6
2018	45.9	51.3	73.1	925	77.5	77.6	76.6	73.6
2017	49.5	62.5	66.7	953	72.7	78.2	74.1	68.6
2016	52.4	58.4	64.2	810	75.9	79.0	78.5	72.2
2015	46.4	59.0	67.9	914	74.3	78.2	73.2	70.7
Ave 2015-2019	47.8	58.0	68.3	911	74.7	78.1	75.7	72.1
Difference in 2020	4.5	-3.6	-4.6	-192	-0.8	1.1	-0.4	-3.6

*All weather information in the Table above was taken from <http://www.kymesonet.org/>

Across all our locations, rainfall would prove not to be a problem except in the month of June. According to www.climate.com, the total precipitation amounts would all exceed 22 inches from planting through the end of September. Differences came in the month of June, where some locations did receive rain and others did not. The Simpson County, KY site was very dry through the first 3 weeks of June. Between May 28th and June 26th, the plot only received 1.1 inches of rainfall, while the Warren County, KY location received 2.6 inches during the same period. Although some areas did struggle during this time, overall average yields would still prove particularly good.

The delay in emergence and early growth would translate throughout the entire season. This extended period of maturity would leave a lot of corn fields more vulnerable to disease for a greater amount of time. The plots were no exception. All locations would require a disease rating of one of the following: Southern Rust, Grey Leaf Spot or Northern Corn Leaf Blight. Issues with some stalk intactness and ear rots would surface as harvest began.

The later than average maturity would also cause a lot of problems with higher grain moistures, which would delay harvest for plots as well as growers. Although the season would cause many challenges and obstacles, yields were still incredibly good. The average of all the hybrid trials is 232 bushels/acre, with the lowest being in Hodgenville, KY at 209 bu/ac and the highest coming in Charleston, MO at 245 bu/ac.

Data Interpretation:

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 15.5% moisture. At the bottom of the tables 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 95% level of confidence. CV is a measure of the error variability found within each experiment. It is the ratio of the standard deviation to the mean. Grand Mean is the mean of all values in the group.

Wheat Tech Agronomy **Acknowledgements**

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Participating Companies:

AgriGold Hybrids
Agri-Technology Solutions (Taylor Seed)
Armor Seed
Augusta Seed Corporation
Bayer DEKALB
Brevant Seeds
Channel Seed
Corteva AgroSciences – Pioneer
Croplan by Winfield United
Gateway Seed Company
LG Seeds
Mayberry Seed Co. (Axis Seed)
Mission Seed Solutions
NuTech Seed
Nutrien Ag Solutions (Dyna-Gro Seed)
Progeny Ag Products
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Kirsten Banks – Research Associate
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Wheat Tech Agronomy
Mississippi County, MO Corn Hybrid Performance Test Results

Charleston, MO

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)
Taylor Seed T8680VT2Pro	116	272.3 a†	56.2	9.8	47	3
LG Seeds LG64C30TRCRIB	114	264.4 ab	57.9	9.5	47	3
AgriGold A6659VT2RIB	116	263.2 abc	57.1	9.3	44	1
Channel 215-60TRE	115	262.9 abc	55.8	10.0	51	1
Dyna-Gro D57VC51	117	262.5 abc	57.4	9.5	50	1
AgriGold A647-35-3330	117	261.1 a-d	54.9	10.3	52	2
Augusta A1065	113	260.6 a-d	59.1	9.3	46	1
Dyna-Gro D55VC80	115	258.6 a-d	56.9	9.8	53	1
Channel 218-44VT2P	118	258.3 a-d	55.4	9.5	50	3
AgriGold A645-16VT2PRO	115	258.2 a-e	57.1	9.7	50	1
Axis 67K27RIB	117	258.0 a-e	56.0	9.7	48	2
Axis 68P28RIB	118	257.9 a-e	55.3	9.3	48	3
LG Seeds LG66C44VT2Pro	116	257.4 a-f	57.1	9.5	49	3
Augusta A7168	118	256.2 a-g	55.9	9.5	49	4
Warren Seed DS 5210	112	254.0 b-h	55.8	9.5	45	2
Progeny PGY2015VT2P	115	253.2 b-i	59.7	9.5	51	2
Dyna-Gro D58VC65	118	253.0 b-i	57.2	9.2	43	2
Warren Seed DS 5510	115	252.4 b-j	58.0	9.7	47	1
Gateway 0916 TRE	116	251.6 b-j	58.9	9.7	48	3
Gateway 0713 VT2Pro	113	251.0 b-j	59.6	9.3	51	1
Axis 65T29RIB	115	250.8 b-k	59.4	9.5	51	1
Axis 66A26RIB	116	250.5 b-l	55.1	9.2	43	5
Warren Seed DS 5676	116	249.5 b-l	57.2	9.5	47	3
Progeny PGY9117VT2P	117	249.5 b-l	56.2	9.5	46	3
Axis 63K29RIB	113	249.2 b-l	56.8	9.2	47	3
Progeny PGY2012VT2P	112	246.3 c-m	56.9	9.2	48	4
AgriGold A6544VT2RIB	113	245.2 d-m	55.5	9.7	47	2
Channel 209-15VT2P	109	245.0 d-m	54.6	9.8	47	2
AgriGold A6572VT2RIB	114	241.2 e-n	59.3	9.5	51	3
Progeny PGY8116SS	116	240.6 f-o	58.6	9.3	51	3
Gateway 0813 DGVT2Pro	113	239.2 g-o	56.7	9.5	52	3
Warren Seed DS 5018	110	238.4 h-o	56.6	9.5	50	3
Gateway 9714 VT2Pro	114	237.8 h-o	57.5	9.3	43	2
Dyna-Gro D54VC14	114	236.5 i-p	57.4	9.0	43	3
Augusta A1258	108	235.7 j-p	55.1	9.3	44	2
LG Seeds LG62C35VT2Pro	112	233.9 k-p	56.6	9.7	46	1
Augusta A4463	113	233.4 l-p	56.4	10.0	47	6
Progeny EXP1912	112	233.4 l-p	56.8	9.7	48	5
Dyna-Gro D53VC33	113	233.4 l-p	56.8	9.7	47	4
Axis 63D28RIB	113	231.1 m-p	57.0	9.8	50	6
Progeny PGY9114VT2P	114	230.7 m-p	57.7	9.0	41	2
LG Seeds LG60C12-5222	110	226.6 nop	53.2	9.7	41	2
Progeny PGY2025DG	115	226.2 nop	56.1	9.7	44	3
Taylor Seed T8561VT2Pro	115	225.5 nop	56.5	9.2	45	5
Warren Seed DS 5371	113	223.7 op	57.4	9.8	47	3
Taylor Seed T8824VT2Pro	113	219.8 p	57.3	9.2	42	2
Progeny EXP1917	117	190.7 q	57.8	9.3	48	2
LSD P=.05		17.1	.	.	.	.
CV		5.0	.	.	.	.
Grand Mean		245.3	56.9	9.5	47	3

Planted: April 10, 2020; Harvested: September 15, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*
SR ratings were taken on August 21, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Mississippi County, MO Corn Hybrid Performance Test Results
Early Group (≤ 111 days)

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)
Channel 209-15VT2P	109	246.3 a†	54.5	9.8	47	2
Warren Seed DS 5018	110	238.4 ab	56.6	9.5	50	3
Augusta A1258	108	235.7 ab	55.1	9.3	44	2
LG Seeds LG60C12-5222	110	226.6 b	53.2	9.7	41	2
LSD P=.05		17.9	.	.	.	.
CV		4.6	.	.	.	.
Grand Mean		236.8	54.8	9.6	46	2

Planted: April 10, 2020; Harvested: September 15, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*
 SR ratings were taken on August 21, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Mississippi County, MO Corn Hybrid Performance Test Results
Medium Group (112-114 days)

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)
LG Seeds LG64C30TRCRIB	114	264.4 a†	57.9	9.5	47	3
Augusta A1065	113	260.6 ab	59.1	9.3	46	1
Warren Seed DS 5210	112	254.0 abc	55.8	9.5	45	2
Gateway 0713 VT2Pro	113	251.0 a-d	59.6	9.3	51	1
Axis 63K29RIB	113	249.0 a-e	56.8	9.2	47	3
Progeny PGY2012VT2P	112	246.3 b-f	56.9	9.2	48	4
AgriGold A6544VT2RIB	113	245.2 b-f	55.5	9.7	47	2
AgriGold A6572VT2RIB	114	241.2 c-f	59.3	9.5	51	3
Gateway 0813 DGVT2Pro	113	239.2 c-g	56.7	9.5	52	3
Gateway 9714 VT2Pro	114	237.8 d-g	57.5	9.3	43	2
Dyna-Gro D54VC14	114	236.4 d-g	57.4	9.0	43	3
LG Seeds LG62C35VT2Pro	112	233.9 e-h	56.6	9.7	46	1
Progeny EXP1912	112	233.4 fgh	56.8	9.7	48	5
Dyna-Gro D53VC33	113	233.4 fgh	56.8	9.7	47	4
Augusta A4463	113	233.3 fgh	56.4	10.0	47	6
Axis 63D28RIB	113	231.1 fgh	57.0	9.8	50	6
Progeny PGY9114VT2P	114	230.7 fgh	57.7	9.0	41	2
Warren Seed DS 5371	113	223.7 gh	57.4	9.8	47	3
Taylor Seed T8824VT2Pro	113	219.8 h	57.3	9.2	42	2
LSD P=.05		15.6	.	.	.	.
CV		4.6	.	.	.	.
Grand Mean		240.2	57.3	9.5	47	3

Planted: April 10, 2020; Harvested: September 15, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*
 SR ratings were taken on August 21, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Mississippi County, MO Corn Hybrid Performance Test Results

Late Group (≥ 115 days)

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)
Taylor Seed T8680VT2Pro	116	272.3 a†	56.2	9.8	47	3
AgriGold A6659VT2RIB	116	263.2 ab	57.1	9.3	44	1
Channel 215-60TRE	115	262.9 ab	55.8	10.0	51	1
Dyna-Gro D57VC51	117	262.5 ab	57.4	9.5	50	1
AgriGold A647-35-3330	117	261.1 ab	54.9	10.3	52	2
Dyna-Gro D55VC80	115	258.6 abc	56.9	9.8	53	1
Channel 218-44VT2P	118	258.3 abc	55.4	9.5	50	3
AgriGold A645-16VT2PRO	115	258.2 abc	57.1	9.7	50	1
Axis 67K27RIB	117	258.0 abc	56.0	9.7	48	2
Axis 68P28RIB	118	257.9 abc	55.4	9.3	48	3
LG Seeds LG66C44VT2Pro	116	257.4 abc	57.1	9.5	49	3
Augusta A7168	118	256.2 abc	55.9	9.5	49	4
Progeny PGY2015VT2P	115	253.2 bc	59.7	9.5	51	2
Dyna-Gro D58VC65	118	253.0 bc	57.2	9.2	43	2
Warren Seed DS 5510	115	252.4 bc	58.0	9.7	47	1
Gateway 0916 TRE	116	251.6 bc	58.9	9.7	48	3
Axis 65T29RIB	115	250.8 bc	59.4	9.5	51	1
Axis 66A26RIB	116	250.5 bc	55.1	9.2	43	5
Warren Seed DS 5676	116	249.5 bc	57.2	9.5	47	3
Progeny PGY9117VT2P	117	249.5 bc	56.2	9.5	46	3
Progeny PGY8116SS	116	240.6 cd	58.6	9.3	51	3
Progeny PGY2025DG	115	226.2 d	56.1	9.7	44	3
Taylor Seed T8561VT2Pro	115	225.5 d	56.5	9.2	45	5
Progeny EXP1917	117	190.7 e	57.8	9.3	48	2
LSD P=.05		18.8	.	.	.	.
CV		5.3	.	.	.	.
Grand Mean		250.8	56.9	9.6	48	2

Planted: April 10, 2020; Harvested: September 15, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*

SR ratings were taken on August 21, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Christian County, KY Corn Hybrid Performance Test Results

Pembroke, KY

Brand/Hybrid	RM‡	Yield		TW‡	Plant	Ear	SR‡
		(BU/A)		(LB/BU)	HT‡ (FT)	HT (IN)	(0-10)
DeKalb DKC67-44RIB	117	257.1	a†	57.9	9.3	49	7
Channel 214-78DGV2PRIB	114	256.8	ab	56.9	9.7	54	3
Dyna-Gro D55VC80	115	252.6	abc	56.3	10.0	52	4
Pioneer hybrid P1317YHR	113	251.3	a-d	58.1	10.2	46	8
Pioneer hybrid P1464VYHR	114	249.5	a-e	57.9	9.7	57	7
Stewart 15DP519	115	249.5	a-e	56.4	9.8	52	5
Pioneer hybrid P2089VYHR	120	249.5	a-e	55.4	10.8	52	5
LG Seeds LG64C30TRCRIB	114	249.2	a-f	57.8	9.8	52	5
AgriGold A6544VT2RIB	113	248.5	a-g	56.2	9.7	50	4
Warren Seed DS 5510	115	248.0	a-g	58.1	10.3	53	5
LG Seeds LG66C44VT2Pro	116	247.8	a-g	56.4	9.8	51	4
Brevant B15H98AM	115	247.8	a-g	58.1	10.3	51	4
NuTech 75G1YHR	115	246.6	a-h	58.9	10.2	51	4
Stewart 16DP117	116	246.5	a-i	57.1	9.8	53	5
Dyna-Gro D57VC51	117	246.5	a-i	56.8	10.0	50	5
Croplan CP 5678 VT2P	116	245.4	a-j	57.3	9.7	49	5
Pioneer hybrid P1213YHR	112	244.9	a-k	57.0	10.2	45	6
Stewart 13DD360	113	244.9	a-k	56.0	9.2	52	5
Dyna-Gro D54VC14	114	243.5	a-l	57.8	9.5	46	3
Pioneer hybrid P1847VYHR	118	243.0	a-l	57.0	10.2	51	3
Augusta A1065	113	242.9	a-l	59.6	9.3	48	4
Brevant B15M08AM	115	242.1	a-m	57.1	10.0	53	6
Armor A1575	115	241.9	b-m	56.2	9.8	54	4
AgriGold A645-16VT2PRO	115	241.6	c-n	56.6	9.8	50	4
NuTech 68A7AM	108	241.6	c-n	56.4	9.5	46	6
Warren Seed DS 5210	112	240.9	c-o	56.3	9.7	45	6
Armor A1299	112	240.2	c-p	57.4	9.8	49	7
Stewart 14DD339	114	240.1	c-p	56.2	10.0	52	4
Brevant B14J04AM	114	240.0	c-q	56.2	9.3	49	5
AgriGold A642-59VT2RIB	112	239.8	c-q	56.7	9.7	45	6
Dyna-Gro D58VC65	118	239.8	c-q	57.5	9.5	48	6
NuTech 78A1AM	118	239.5	c-r	58.0	9.7	49	6
Croplan CP 5550 VT2P	115	239.2	c-r	56.0	9.2	45	5
Progeny PGY9114VT2P	114	239.1	c-r	58.3	9.2	45	5
Augusta A7168	118	238.1	c-s	55.6	9.8	48	5
NuTech 74B6AM	114	238.1	c-t	56.1	9.8	54	5
Augusta A1258	108	237.1	d-u	55.4	9.7	44	4
DeKalb DKC63-57RIB	113	236.8	d-v	57.8	9.3	46	4
AgriGold A642-47STX	112	236.5	d-v	57.7	9.2	44	2
Armor A1447	114	235.8	e-w	57.8	9.0	47	4
Channel 215-60TRERIB	115	235.4	e-w	55.1	9.8	53	4
Taylor Seed T8680VT2Pro	116	235.2	e-w	56.9	10.0	50	7
Mission A1857VT2P	118	235.2	e-w	58.1	9.0	48	6
DeKalb DKC66-18RIB	116	234.7	e-x	57.0	9.2	42	4
Warren Seed DS 5371	113	234.6	e-x	57.6	9.8	52	6
Progeny PGY2025DG	115	234.4	f-x	57.1	9.3	48	6
DeKalb DKC59-82RIB	109	233.7	g-x	55.8	9.2	44	5
Brevant B13Y85AM	113	233.5	g-x	55.7	9.7	48	6
Mission A1457VT2P	114	232.4	h-x	57.7	9.0	45	3
Dyna-Gro D53VC33	113	232.0	h-x	57.3	9.8	47	7
Taylor Seed T8824VT2Pro	113	231.6	i-x	58.0	9.0	47	4

Wheat Tech Agronomy
Christian County, KY Corn Hybrid Performance Test Results - Continued
Pembroke, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)
DeKalb DKC65-95RIB	115	231.2 j-x	59.0	9.5	49	5
Progeny PGY2012VT2P	112	230.8 j-x	56.5	9.3	48	7
Warren Seed DS 5676	116	230.7 j-x	57.8	9.8	53	6
NuTech 70A8AM	110	230.4 j-x	56.4	9.0	43	6
Stewart 12DT701	112	230.1 k-x	56.1	9.7	49	2
NuTech 5FB-9909AM	109	230.0 k-x	56.7	8.8	50	7
Progeny PGY9117VT2P	117	229.2 l-x	56.7	9.8	49	7
Mission A1257VT2P	112	229.0 l-x	57.1	9.7	53	8
Pioneer hybrid P1077YHR	110	229.0 l-x	56.9	9.8	47	8
Mission A1548DGVT2P	115	228.7 l-x	57.4	9.7	46	5
Armor A1029	110	228.7 l-x	56.9	8.8	47	6
Stewart 09DD140	109	227.8 m-x	54.6	9.5	50	8
Progeny EXP1912	112	227.6 m-y	57.2	10.2	52	7
Progeny PGY2015VT2P	115	227.1 m-y	59.6	9.8	50	4
Taylor Seed T8561VT2Pro	115	226.8 n-y	57.6	10.0	51	7
DeKalb DKC62-53RIB	112	226.5 n-y	57.0	9.2	49	6
Brevant B11H09AM	111	226.5 o-y	55.8	10.0	47	6
Mission A1687VT2P	116	226.5 o-y	57.3	9.8	50	6
NuTech 5FB-2213AM	113	226.1 o-y	59.9	9.7	51	6
AgriGold A6572VT2RIB	114	225.6 p-y	59.9	9.5	52	5
Croplan CP 5340 VT2P	113	225.0 q-y	58.0	9.0	43	7
Warren Seed DS 5018	110	224.4 r-y	56.8	9.7	53	8
Croplan CP 4997 VT2P	109	223.8 s-y	57.2	9.8	50	6
Progeny PGY8116SS	116	223.0 t-y	57.9	9.2	47	5
Brevant B16J93AM	116	222.9 u-y	57.8	9.8	50	5
Channel 209-15VT2PRIB	109	222.8 u-y	56.6	9.7	47	6
NuTech 72B7Q	112	222.5 u-z	58.7	9.5	51	6
Croplan CP 5073 SS	110	222.4 u-z	56.0	9.3	49	6
Augusta A4463	113	221.9 v-z	57.1	10.2	48	6
Stewart 09DP409	109	221.0 w-z	55.6	8.7	40	8
LG Seeds LG62C35VT2Pro	112	220.8 w-z	56.3	9.7	53	3
AgVenture AV4509AM	109	219.8 x-A	57.7	9.3	49	6
Stewart 8E623RIB	112	212.7 yzA	55.5	10.2	48	4
Progeny PGY2008VT2P	108	207.4 zA	55.1	9.0	41	5
LG Seeds LG60C12-5222	110	204.9 A	54.3	9.7	44	4
LSD P=.05		15.1	.	.	.	.
CV		4.6	.	.	.	.
Grand Mean		234.8	57.0	9.6	49	5

Planted: April 7, 2020; Harvested: September 18, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*
 SR ratings were taken on August 19, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Simpson County, KY Corn Hybrid Performance Test Results

Franklin, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)
AgriGold A6544VT2RIB	113	257.9 a†	57.3	9.3	48	7
Pioneer hybrid P2089VYHR	120	257.3 a	57.0	10.3	49	7
DeKalb DKC67-44RIB	117	256.3 ab	58.6	9.2	46	6
Brevant B15H98AM	115	254.1 abc	59.4	9.5	45	7
LG Seeds LG66C44VT2Pro	116	253.4 a-d	56.5	9.3	48	4
Stewart 13DD360	113	251.9 a-d	56.9	9.2	50	6
Channel 214-78DGVT2PRIB	114	251.8 a-d	56.8	10.0	48	6
Stewart 15DP519	115	250.7 a-e	57.6	9.3	47	4
Pioneer hybrid P1213YHR	112	250.2 a-f	57.9	9.3	44	4
Warren Seed DS 5510	115	249.5 a-g	59.4	9.5	48	8
LG Seeds LG64C30TRCRIB	114	249.4 a-h	58.3	9.3	47	5
Dyna-Gro D55VC80	115	249.3 a-i	56.6	9.7	47	4
Channel 215-60TRERIB	115	248.9 a-j	55.5	9.5	46	6
Armor A1575	115	247.1 a-k	57.0	9.5	47	4
Croplan CP 5678 VT2P	116	246.4 a-k	58.6	9.3	48	7
DeKalb DKC63-57RIB	113	245.8 a-l	58.6	9.7	48	5
Warren Seed DS 5210	112	243.5 b-m	56.9	9.8	44	7
AgriGold A645-16VT2PRO	115	243.5 b-m	56.7	9.5	49	5
Progeny PGY2025DG	115	243.4 c-m	57.7	9.2	47	4
NuTech 74B6AM	114	243.1 c-m	57.1	9.5	46	7
Taylor Seed T8680VT2Pro	116	242.8 c-n	57.7	9.5	46	7
Mission A1548DGVT2P	115	242.4 c-o	57.9	9.3	46	3
Brevant B14J04AM	114	242.4 c-o	57.1	9.3	46	6
Augusta A7168	118	242.2 c-p	56.4	9.5	47	6
Warren Seed DS 5371	113	242.2 c-p	58.3	9.8	50	7
Pioneer hybrid P1847VYHR	118	241.3 c-q	57.4	10.0	46	5
Dyna-Gro D57VC51	117	240.9 d-q	57.4	9.5	48	6
Stewart 12DT701	112	240.8 d-r	56.1	9.5	50	5
Pioneer hybrid P1317YHR	113	240.6 d-r	59.0	9.8	45	9
NuTech 68A7AM	108	238.6 e-s	57.7	9.5	48	8
Brevant B11H09AM	111	238.6 e-s	56.7	9.7	45	6
Stewart 16DP117	116	238.2 e-s	58.0	9.5	50	7
Augusta A1065	113	237.9 e-t	61.0	9.5	47	7
Stewart 14DD339	114	237.7 f-u	56.6	9.8	47	5
Brevant B16J93AM	116	237.5 f-u	58.6	9.7	46	8
Dyna-Gro D58VC65	118	237.4 f-u	58.4	9.5	43	6
Warren Seed DS 5676	116	237.2 g-u	58.4	10.0	42	8
Armor A1447	114	237.0 g-v	59.2	9.0	43	8
DeKalb DKC59-82RIB	109	236.7 h-v	57.0	9.0	44	7
Mission A1687VT2P	116	236.5 i-v	58.1	9.2	45	7
Brevant B15M08AM	115	236.4 j-v	57.8	9.8	51	5
DeKalb DKC66-18RIB	116	236.3 j-w	56.9	9.2	44	6
AgriGold A6572VT2RIB	114	236.1 k-w	60.2	9.5	49	6
NuTech 5FB-2213AM	113	236.0 k-w	59.6	9.5	49	8
DeKalb DKC65-95RIB	115	236.0 k-w	58.9	9.3	46	5
Mission A1857VT2P	118	235.4 k-w	58.7	9.0	49	5
Croplan CP 5073 SS	110	235.2 k-w	56.8	9.2	47	6
Mission A1457VT2P	114	235.1 k-w	59.0	9.0	42	7
NuTech 78A1AM	118	235.0 k-w	58.8	9.7	47	8
DeKalb DKC62-53RIB	112	234.5 k-x	57.9	9.7	46	7
Channel 209-15VT2PRIB	109	233.6 l-y	57.3	9.3	46	5

Wheat Tech Agronomy
Simpson County, KY Corn Hybrid Performance Test Results - Continued

Franklin, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)
NuTech 70A8AM	110	233.0 l-z	57.5	8.5	42	5
NuTech 75G1YHR	115	233.0 l-z	60.0	9.7	49	8
Stewart 09DP409	109	233.0 l-z	56.1	8.8	46	7
Progeny PGY8116SS	116	232.7 m-A	59.0	9.3	47	5
Dyna-Gro D54VC14	114	232.1 m-B	59.0	9.2	44	8
Progeny PGY2008VT2P	108	231.8 m-C	56.0	8.8	42	5
Taylor Seed T8824VT2Pro	113	231.5 m-C	59.1	8.8	44	7
LG Seeds LG62C35VT2Pro	112	231.3 m-C	58.2	9.3	48	6
Progeny PGY2015VT2P	115	231.1 m-C	60.6	9.5	51	6
Brevant B13Y85AM	113	230.3 n-C	56.8	10.0	47	6
Armor A1299	112	230.0 n-C	57.7	10.0	46	6
Croplan CP 5550 VT2P	115	230.0 n-C	56.8	8.8	47	6
Pioneer hybrid P1464VYHR	114	229.6 o-D	58.0	9.7	51	9
Taylor Seed T8561VT2Pro	115	229.5 p-D	57.8	9.5	45	3
Progeny PGY2012VT2P	112	229.3 q-D	56.9	9.3	47	5
Progeny PGY9117VT2P	117	229.2 q-D	57.5	9.8	44	7
Armor A1029	110	228.8 q-D	57.8	8.8	43	6
Augusta A1258	108	228.0 r-D	56.0	9.5	45	7
Progeny PGY9114VT2P	114	226.4 s-D	59.5	9.2	44	7
AgriGold A642-47STX	112	226.2 s-D	58.1	8.7	45	7
Stewart 09DD140	109	225.9 s-D	55.3	9.2	47	7
AgriGold A642-59VT2RIB	112	225.3 t-D	57.7	9.3	44	5
Dyna-Gro D53VC33	113	224.9 u-D	57.6	9.8	49	7
Croplan CP 5340 VT2P	113	224.3 v-D	58.5	9.3	42	7
Mission A1257VT2P	112	223.5 w-D	57.0	9.3	46	5
Progeny EXP1912	112	222.1 x-D	57.8	10.0	49	7
Croplan CP 4997 VT2P	109	221.6 y-D	57.8	9.2	49	5
NuTech 5FB-9909AM	109	220.2 z-D	57.5	9.8	50	8
Stewart 8E623RIB	112	220.0 A-D	56.2	10.0	44	8
Pioneer hybrid P1077YHR	110	219.9 A-D	58.0	9.2	44	8
Warren Seed DS 5018	110	219.5 BCD	57.8	9.5	49	8
Augusta A4463	113	219.4 BCD	57.9	10.0	48	8
NuTech 72B7Q	112	219.0 CD	59.6	9.0	46	6
AgVenture AV4509AM	109	216.9 D	58.4	9.2	45	5
LG Seeds LG60C12-5222	110	203.6 E	55.4	9.7	44	7
LSD P=.05		12.8	.	.	.	.
CV		3.9	.	.	.	.
Grand Mean		235.9	57.8	9.4	47	6

Planted: April 11, 2020; Harvested: September 22, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*
 NCLB ratings were taken on August 25, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Larue County, KY Corn Hybrid Performance Test Results
Hodgenville, KY

Brand/Hybrid	RM#	Yield (BU/A)	TW# (LB/BU)	Plant HT# (FT)	Ear HT (IN)	GLS# (0-10)
Croplan CP 5678 VT2P	116	228.2 a†	59.7	9.7	46	7
Channel 214-78DGV2PRIB	114	228.1 ab	59.2	10.7	54	4
DeKalb DKC66-18RIB	116	223.3 abc	58.6	9.7	45	5
Croplan CP 5550 VT2P	115	221.8 a-d	59.0	9.7	47	4
Augusta A7168	118	221.8 a-d	57.6	9.8	47	4
Stewart 15DP519	115	221.5 a-e	58.4	10.0	45	4
Augusta A4463	113	221.3 a-f	58.9	10.5	50	4
DeKalb DKC59-82RIB	109	221.1 a-f	57.5	9.7	43	4
DeKalb DKC62-53RIB	112	220.6 a-g	59.3	10.0	46	4
Channel 215-60TRERIB	115	220.6 a-g	57.8	10.7	52	4
DeKalb DKC65-95RIB	115	220.5 a-g	60.6	10.0	50	4
DeKalb DKC67-44RIB	117	220.4 a-g	60.0	10.2	48	4
Armor A1575	115	219.8 a-g	58.6	10.2	53	3
Brevant B15M08AM	115	219.1 a-h	59.2	10.2	52	5
Armor A1299	112	219.0 a-i	59.2	10.3	50	4
Stewart 16DP117	116	218.1 a-j	58.5	9.8	54	5
LG Seeds LG64C30TRCRIB	114	218.0 a-j	59.6	10.2	49	3
Dyna-Gro D55VC80	115	217.7 a-j	58.3	10.0	52	4
Augusta A1258	108	217.7 a-j	57.6	10.3	45	5
DeKalb DKC63-57RIB	113	216.9 a-k	59.9	9.8	48	3
NuTech 78A1AM	118	215.8 a-l	60.5	10.2	48	4
AgriGold A642-47STX	112	215.8 a-l	59.7	9.5	44	3
AgriGold A6544VT2RIB	113	215.7 a-l	57.7	10.2	49	5
Stewart 09DD140	109	215.1 a-l	57.2	10.2	50	3
Dyna-Gro D54VC14	114	214.9 a-l	60.1	9.8	46	4
Croplan CP 5340 VT2P	113	214.8 a-m	59.9	9.7	49	3
AgriGold A645-16VT2PRO	115	214.3 a-n	58.7	10.2	52	3
Stewart 09DP409	109	214.2 a-n	58.1	9.5	40	4
NuTech 68A7AM	108	213.9 a-n	58.3	10.0	43	4
Armor A1447	114	213.8 a-n	60.2	9.5	45	5
Channel 209-15VT2PRIB	109	213.4 a-n	58.8	10.0	47	4
Warren Seed DS 5210	112	212.4 a-o	57.8	10.2	48	3
Brevant B14J04AM	114	212.4 a-o	58.4	10.0	49	4
Dyna-Gro D58VC65	118	211.9 a-p	59.4	9.7	49	6
Brevant B16J93AM	116	211.9 a-p	60.3	10.0	51	4
Armor A1029	110	211.6 a-p	58.3	9.8	43	5
Brevant B11H09AM	111	211.5 a-p	58.0	9.8	43	3
Pioneer hybrid P1317YHR	113	211.4 b-p	59.7	10.0	43	3
Mission A1857VT2P	118	211.2 c-q	59.7	10.0	49	5
Stewart 13DD360	113	210.8 c-r	58.1	9.7	49	3
Progeny EXP1912	112	210.4 c-s	59.4	10.3	49	3
Pioneer hybrid P1464VYHR	114	210.1 c-t	59.2	9.8	50	4
Taylor Seed T8680VT2Pro	116	210.1 c-t	57.3	10.3	49	7
Mission A1457VT2P	114	209.5 c-t	60.0	9.7	48	4
Croplan CP 5073 SS	110	209.1 c-u	58.3	9.8	49	4
Progeny PGY9114VT2P	114	208.9 c-u	60.4	9.8	48	6
Stewart 14DD339	114	208.8 c-v	58.7	10.3	45	4
Progeny PGY2025DG	115	208.0 c-v	58.7	9.7	49	4
Pioneer hybrid P1847VYHR	118	207.7 c-v	58.4	10.2	49	5
AgriGold A642-59VT2RIB	112	207.4 c-v	58.6	9.8	48	5
Croplan CP 4997 VT2P	109	207.2 c-v	58.8	10.0	45	4

Wheat Tech Agronomy
Larue County, KY Corn Hybrid Performance Test Results - Continued
Hodgenville, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	GLS‡ (0-10)
Warren Seed DS 5018	110	206.9 c-v	57.9	9.8	46	6
Dyna-Gro D53VC33	113	206.9 c-v	58.5	10.3	49	3
NuTech 5FB-2213AM	113	206.1 d-w	60.2	9.8	45	4
AgriGold A6572VT2RIB	114	206.0 d-w	60.9	10.3	51	4
Pioneer hybrid P1213YHR	112	206.0 d-w	57.6	10.0	43	5
NuTech 5FB-9909AM	109	205.4 d-w	58.3	9.7	47	5
LG Seeds LG62C35VT2Pro	112	204.9 e-w	58.8	9.7	50	4
Warren Seed DS 5510	115	204.9 e-w	60.5	10.0	48	4
NuTech 70A8AM	110	204.7 f-w	58.2	9.2	40	6
NuTech 74B6AM	114	204.1 g-w	58.5	9.8	47	5
Dyna-Gro D57VC51	117	204.1 g-w	58.9	9.8	44	6
NuTech 75G1YHR	115	203.9 g-w	60.8	10.3	47	5
Mission A1257VT2P	112	202.7 h-w	58.8	9.8	49	5
Mission A1687VT2P	116	202.2 i-w	59.3	9.7	51	6
Progeny PGY8116SS	116	202.1 j-w	60.5	10.0	49	4
Augusta A1065	113	201.7 j-x	61.7	9.7	50	5
Stewart 12DT701	112	201.4 j-x	58.1	9.8	44	3
Taylor Seed T8824VT2Pro	113	200.8 k-x	60.1	9.5	46	6
Progeny PGY9117VT2P	117	200.1 l-x	58.1	10.3	52	7
Warren Seed DS 5676	116	198.1 m-y	59.9	10.2	47	4
Progeny PGY2012VT2P	112	197.6 n-y	59.1	9.8	47	5
NuTech 72B7Q	112	196.1 o-y	59.0	9.8	47	6
LG Seeds LG66C44VT2Pro	116	196.1 o-y	58.2	10.0	50	3
Warren Seed DS 5371	113	195.3 p-y	58.8	10.0	47	4
Taylor Seed T8561VT2Pro	115	195.2 p-y	59.5	9.7	46	4
AgVenture AV4509AM	109	194.6 q-y	59.3	9.5	43	5
Pioneer hybrid P1077YHR	110	194.2 r-y	58.9	9.5	42	4
Brevant B13Y85AM	113	193.8 s-y	58.1	10.2	46	5
LG Seeds LG60C12-5222	110	193.4 t-y	56.4	10.0	50	4
Stewart 8E623RIB	112	192.5 u-y	57.9	10.0	50	5
Brevant B15H98AM	115	192.4 u-y	60.4	10.2	46	4
Progeny PGY2015VT2P	115	192.1 v-y	61.9	9.5	51	6
Progeny PGY2008VT2P	108	189.5 wxy	57.7	9.5	41	6
Mission A1548DGVT2P	115	184.9 xy	59.1	10.0	46	4
Pioneer hybrid P2089VYHR	120	182.4 y	56.9	10.7	50	3
LSD P=.05		16.8	.	.	.	.
CV		5.8	.	.	.	.
Grand Mean		208.6	59.0	9.9	48	4

Planted: April 21, 2020; Harvested: October 8, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, GLS: Grey Leaf Spot *Cercospora zeae-maydis*
 GLS ratings were taken on August 14, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Caldwell County, KY Corn Hybrid Performance Test Results
Princeton, KY

Brand/Hybrid	RM‡	Yield		TW‡	Plant	Ear	SR‡
		(BU/A)		(LB/BU)	HT‡ (FT)	HT (IN)	(0-10)
Channel 214-78DGV2PRIB	114	262.6	a†	59.2	10.5	52	2
Channel 215-60TRERIB	115	260.6	ab	58.2	10.2	52	4
AgriGold A6544VT2RIB	113	257.9	abc	59.1	9.7	47	4
Dyna-Gro D55VC80	115	257.1	a-d	59.5	10.0	48	4
Warren Seed DS 5510	115	256.3	a-e	61.4	10.7	50	2
Pioneer hybrid P1213YHR	112	254.0	a-f	59.2	10.3	48	6
Stewart 14DD339	114	253.3	a-g	59.2	10.5	46	4
Dyna-Gro D58VC65	118	252.6	a-h	60.9	9.7	47	4
Pioneer hybrid P2089VYHR	120	252.5	a-h	59.1	11.0	49	4
AgriGold A645-16VT2PRO	115	251.4	a-i	59.5	10.5	50	3
NuTech 74B6AM	114	250.1	a-j	59.3	9.8	46	4
DeKalb DKC65-95RIB	115	250.0	a-k	60.0	9.5	46	5
Armor A1575	115	249.7	a-k	59.0	10.0	52	4
Stewart 15DP519	115	249.7	a-l	59.2	10.0	49	5
Armor A1447	114	249.0	a-m	60.2	9.5	44	2
Croplan CP 5550 VT2P	115	247.6	a-n	58.0	9.7	44	6
Brevant B15H98AM	115	247.5	a-n	61.6	10.5	51	4
Croplan CP 5678 VT2P	116	247.4	a-n	61.0	9.7	47	4
DeKalb DKC63-57RIB	113	246.8	b-o	59.7	9.8	46	4
Warren Seed DS 5676	116	245.9	b-p	60.5	10.3	49	5
Brevant B14J04AM	114	245.9	b-p	59.0	9.7	45	4
DeKalb DKC67-44RIB	117	245.8	b-p	60.4	10.3	47	4
LG Seeds LG66C44VT2Pro	116	245.1	c-p	59.5	9.8	48	3
Dyna-Gro D57VC51	117	244.5	c-q	60.1	9.8	48	3
Brevant B15M08AM	115	244.4	c-q	59.8	10.3	55	6
Pioneer hybrid P1317YHR	113	244.3	c-q	60.1	10.3	44	6
LG Seeds LG64C30TRCRIB	114	244.1	c-r	59.4	9.8	47	4
Brevant B16J93AM	116	243.5	c-s	61.6	10.3	49	4
Augusta A1258	108	243.3	c-s	56.7	9.8	49	5
Augusta A1065	113	243.2	c-s	62.0	10.2	49	3
Warren Seed DS 5210	112	242.9	c-s	58.3	10.5	45	6
Dyna-Gro D54VC14	114	242.3	d-t	60.4	9.3	42	2
NuTech 78A1AM	118	241.8	d-t	61.9	10.3	50	6
DeKalb DKC66-18RIB	116	240.9	e-u	59.0	9.8	45	4
Pioneer hybrid P1464VYHR	114	240.2	f-u	59.6	10.5	52	8
Armor A1299	112	240.0	f-u	58.6	10.3	52	8
NuTech 68A7AM	108	239.9	f-u	58.1	10.0	48	5
Progeny PGY9117VT2P	117	239.7	f-v	61.0	9.8	45	4
Stewart 13DD360	113	239.7	f-v	58.0	10.0	50	4
NuTech 70A8AM	110	238.5	g-w	59.1	9.2	43	6
DeKalb DKC59-82RIB	109	237.7	h-x	57.9	9.3	42	6
Stewart 16DP117	116	237.0	i-y	59.5	10.2	47	6
NuTech 75G1YHR	115	236.7	i-z	61.6	10.5	47	3
Pioneer hybrid P1847VYHR	118	236.1	i-z	60.5	10.8	48	4
Progeny PGY8116SS	116	235.2	j-A	61.1	10.0	48	6
Stewart 12DT701	112	235.2	j-A	57.9	9.7	46	3
Taylor Seed T8824VT2Pro	113	235.0	j-A	60.2	9.5	44	3
Dyna-Gro D53VC33	113	234.6	k-A	58.5	10.5	46	8
Taylor Seed T8680VT2Pro	116	234.3	l-A	60.9	10.2	46	4
Croplan CP 4997 VT2P	109	234.2	m-A	59.0	10.0	49	5
Armor A1029	110	233.0	n-B	58.4	9.2	42	7

Wheat Tech Agronomy
Caldwell County, KY Corn Hybrid Performance Test Results - Continued
Princeton, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)
Brevant B13Y85AM	113	232.9 n-B	58.6	10.5	49	6
Augusta A7168	118	231.9 o-B	59.2	9.8	48	7
Mission A1548DGVT2P	115	231.1 p-C	59.6	9.8	45	5
Mission A1687VT2P	116	230.9 p-C	60.1	9.8	50	5
Progeny PGY2025DG	115	230.7 p-C	59.7	9.8	46	4
DeKalb DKC62-53RIB	112	230.6 p-C	58.9	9.7	47	4
Mission A1257VT2P	112	230.6 p-C	58.6	10.2	48	8
Croplan CP 5073 SS	110	229.6 q-C	58.1	9.0	40	4
NuTech 5FB-2213AM	113	229.5 q-C	60.3	9.7	48	4
Mission A1457VT2P	114	229.2 q-C	60.1	9.7	44	3
AgriGold A6572VT2RIB	114	228.8 r-C	61.1	10.3	50	5
Mission A1857VT2P	118	228.4 s-D	60.7	9.7	46	6
Stewart 09DD140	109	227.4 t-E	56.3	9.8	49	9
Augusta A4463	113	227.1 t-E	58.7	9.8	46	9
Progeny PGY2015VT2P	115	226.4 u-F	61.9	10.0	47	2
Stewart 8E623RIB	112	226.3 u-F	57.9	10.5	45	3
NuTech 72B7Q	112	226.2 u-F	61.0	10.2	47	5
Warren Seed DS 5371	113	225.8 u-F	59.8	10.3	48	6
Brevant B11H09AM	111	225.5 u-G	58.2	10.2	47	5
Channel 209-15VT2PRIB	109	224.4 v-G	58.3	9.8	45	4
AgVenture AV4509AM	109	224.0 w-G	59.7	10.0	46	6
Warren Seed DS 5018	110	224.0 w-G	58.1	10.0	51	6
LG Seeds LG62C35VT2Pro	112	223.8 w-G	59.2	9.5	46	2
Progeny PGY9114VT2P	114	222.7 x-G	60.8	10.0	43	3
Progeny EXP1912	112	222.2 y-G	58.6	10.3	48	8
LG Seeds LG60C12-5222	110	221.4 z-G	56.4	10.0	46	4
NuTech 5FB-9909AM	109	221.3 z-G	58.2	9.7	51	6
AgriGold A642-47STX	112	219.9 A-G	60.6	9.2	44	1
Taylor Seed T8561VT2Pro	115	218.7 B-G	59.7	9.8	45	6
AgriGold A642-59VT2RIB	112	218.5 B-G	58.3	9.7	46	8
Croplan CP 5340 VT2P	113	216.5 C-G	59.4	9.7	45	7
Progeny PGY2008VT2P	108	213.3 D-G	57.2	9.3	44	3
Progeny PGY2012VT2P	112	212.5 EFG	58.2	10.2	44	7
Pioneer hybrid P1077YHR	110	211.6 FG	59.2	10.0	44	9
Stewart 09DP409	109	210.3 G	57.4	9.3	40	8
LSD P=.05		15.4	.	.	.	.
CV		4.7	.	.	.	.
Grand Mean		236.5	59.4	10.0	47	5

Planted: April 22, 2020; Harvested: October 7, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*
 SR ratings were taken on August 20, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Warren County, KY Corn Hybrid Performance Test Results

Bowling Green, KY

Brand/Hybrid	RM#	Yield (BU/A)	TW# (LB/BU)	Plant HT# (FT)	Ear HT (IN)	SR# (0-10)
AgriGold A6544VT2RIB	113	257.9 a†	57.8	11.0	49	7
Channel 214-78DGVT2PRIB	114	254.8 ab	58.1	10.8	52	3
Croplan CP 5678 VT2P	116	250.1 abc	59.8	10.2	51	7
Stewart 15DP519	115	248.3 a-d	59.1	11.0	55	7
Armor A1447	114	246.5 a-e	60.1	10.7	53	7
Pioneer hybrid P2089VYHR	120	244.9 a-f	58.1	11.3	53	6
Brevant B14J04AM	114	243.0 a-g	58.5	10.5	53	7
Progeny PGY9117VT2P	117	242.9 a-g	58.6	11.0	53	7
Channel 215-60TRERIB	115	242.8 a-g	57.1	11.2	55	6
LG Seeds LG66C44VT2Pro	116	242.1 b-h	58.6	10.8	52	5
Warren Seed DS 5676	116	241.9 b-h	59.4	10.5	50	7
AgriGold A645-16VT2PRO	115	241.8 b-h	58.4	10.5	52	7
Armor A1575	115	241.7 b-h	58.5	10.5	52	6
NuTech 75G1YHR	115	241.3 b-i	60.7	11.0	54	6
Dyna-Gro D54VC14	114	241.1 b-i	59.0	10.5	51	5
Mission A1457VT2P	114	240.8 b-i	60.0	10.0	46	7
Warren Seed DS 5510	115	240.8 b-i	60.6	11.2	53	7
Brevant B16J93AM	116	240.7 b-j	60.6	10.8	52	6
Armor A1029	110	240.6 b-j	58.3	10.7	47	7
Stewart 14DD339	114	240.6 b-j	58.3	11.0	52	5
Dyna-Gro D55VC80	115	239.9 b-j	58.5	10.7	55	7
Pioneer hybrid P1213YHR	112	239.7 b-j	58.5	10.7	46	8
Taylor Seed T8824VT2Pro	113	239.7 b-j	60.3	10.3	49	7
Augusta A1258	108	239.3 c-k	57.1	10.7	49	6
Stewart 12DT701	112	239.0 c-k	57.4	10.5	52	5
Pioneer hybrid P1317YHR	113	238.9 c-k	59.5	11.0	50	8
DeKalb DKC67-44RIB	117	238.8 c-k	60.2	11.0	52	5
Channel 209-15VT2PRIB	109	238.6 c-l	57.9	10.3	49	6
DeKalb DKC63-57RIB	113	238.1 c-m	59.1	10.3	51	7
Pioneer hybrid P1847VYHR	118	238.0 c-m	59.3	11.2	54	7
NuTech 78A1AM	118	237.9 c-n	60.7	10.7	53	6
Progeny PGY9114VT2P	114	236.9 c-n	60.4	10.3	50	6
NuTech 5FB-2213AM	113	236.6 c-n	60.5	10.2	51	7
LG Seeds LG62C35VT2Pro	112	236.5 c-n	58.4	10.3	52	4
AgriGold A642-47STX	112	236.1 c-o	59.4	9.5	47	3
Stewart 09DD140	109	235.9 c-o	55.5	10.2	50	9
Warren Seed DS 5210	112	235.7 c-p	57.4	10.8	49	8
Warren Seed DS 5018	110	235.3 c-q	57.5	10.5	53	9
Armor A1299	112	235.2 c-q	58.4	10.7	52	9
Augusta A1065	113	234.8 c-q	61.9	10.3	55	6
LG Seeds LG64C30TRCRIB	114	234.6 d-q	59.2	11.0	52	7
Stewart 13DD360	113	234.6 d-q	57.4	10.2	51	6
Taylor Seed T8680VT2Pro	116	234.1 d-r	58.4	11.2	53	8
DeKalb DKC65-95RIB	115	233.3 d-r	60.3	10.7	54	6
Pioneer hybrid P1464VYHR	114	233.3 d-r	58.7	10.8	59	8
Dyna-Gro D57VC51	117	232.2 e-s	59.3	10.2	49	6
Mission A1548DGVT2P	115	232.2 e-s	59.1	10.5	50	8
Dyna-Gro D58VC65	118	231.1 f-t	59.9	10.3	51	7
Augusta A4463	113	230.5 f-t	57.8	11.0	51	9
NuTech 5FB-9909AM	109	230.5 f-t	57.2	10.7	49	8
Brevant B15H98AM	115	230.2 f-t	60.3	11.5	54	6

Wheat Tech Agronomy
Warren County, KY Corn Hybrid Performance Test Results - Continued

Bowling Green, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)
NuTech 70A8AM	110	230.0 f-u	58.5	9.8	44	7
Augusta A7168	118	229.1 g-v	58.7	10.8	56	7
Brevant B15M08AM	115	229.0 g-v	58.9	10.8	55	7
Croplan CP 5550 VT2P	115	229.0 g-v	57.8	10.0	50	8
NuTech 68A7AM	108	228.8 g-v	57.8	10.3	46	7
NuTech 74B6AM	114	228.6 g-v	58.3	10.8	51	8
Croplan CP 4997 VT2P	109	228.5 g-v	58.3	10.8	51	8
DeKalb DKC66-18RIB	116	228.0 g-v	58.5	10.5	50	6
Warren Seed DS 5371	113	228.0 g-v	59.1	10.8	53	8
Brevant B11H09AM	111	227.0 h-w	57.7	10.7	48	7
Pioneer hybrid P1077YHR	110	227.0 h-w	58.3	10.3	48	9
Progeny PGY2025DG	115	226.3 i-w	58.8	10.5	51	8
NuTech 72B7Q	112	226.2 i-x	59.9	10.3	46	7
Dyna-Gro D53VC33	113	225.4 j-x	58.2	11.2	53	8
DeKalb DKC59-82RIB	109	224.3 k-y	57.4	10.0	49	7
Mission A1857VT2P	118	223.3 l-z	59.8	10.5	53	8
Progeny EXP1912	112	223.2 m-z	58.0	11.2	52	9
AgVenture AV4509AM	109	222.6 n-z	59.3	10.3	50	8
Progeny PGY8116SS	116	221.0 o-z	59.8	10.3	50	6
Taylor Seed T8561VT2Pro	115	220.9 o-z	59.2	10.3	50	7
Croplan CP 5073 SS	110	220.5 p-z	57.3	10.7	53	9
AgriGold A6572VT2RIB	114	219.9 q-z	61.0	10.5	52	6
Stewart 8E623RIB	112	219.1 r-z	56.9	11.2	47	6
Stewart 09DP409	109	217.8 s-z	56.8	9.8	53	9
Brevant B13Y85AM	113	217.7 s-z	58.0	10.2	44	8
DeKalb DKC62-53RIB	112	216.3 t-z	58.1	10.5	50	7
Mission A1687VT2P	116	215.9 t-z	59.6	10.3	53	7
AgriGold A642-59VT2RIB	112	214.8 u-z	58.1	10.7	50	9
Progeny PGY2012VT2P	112	214.4 v-z	58.0	10.3	50	9
LG Seeds LG60C12-5222	110	214.1 v-z	55.7	10.7	50	6
Croplan CP 5340 VT2P	113	212.5 w-z	58.8	10.3	52	9
Mission A1257VT2P	112	210.8 xyz	58.1	10.3	49	8
Progeny PGY2015VT2P	115	210.8 xyz	61.7	10.5	55	6
Stewart 16DP117	116	209.4 yz	59.5	11.0	57	9
Progeny PGY2008VT2P	108	208.6 z	57.4	10.0	45	7
LSD P=.05		15.4	.	.	.	.
CV		4.8	.	.	.	.
Grand Mean		231.9	58.7	10.6	51	7

Planted: May 2, 2020; Harvested: October 2, 2020

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*
 SR ratings were taken on August 26, 2020 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Kentucky Average Corn Hybrid Performance Test Results

CC, SC, CaC, LaC, and WC

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)	GLS‡ (0-10)	SR‡ (0-10)
Channel 214-78DGV2PRIB	114	250.8	58.0	10.3	52	6	4	3
AgriGold A6544VT2RIB	113	247.6	57.6	10.0	49	7	5	5
Stewart 15DP519	115	243.9	58.1	10.0	50	4	4	6
DeKalb DKC67-44RIB	117	243.7	59.4	10.0	48	6	4	5
Croplan CP 5678 VT2P	116	243.5	59.3	9.7	48	7	7	5
Dyna-Gro D55VC80	115	243.3	57.8	10.1	51	4	4	5
Channel 215-60TRERIB	115	241.7	56.7	10.3	52	6	4	5
Armor A1575	115	240.0	57.9	10.0	52	4	3	5
Warren Seed DS 5510	115	239.9	60.0	10.3	50	8	4	5
LG Seeds LG64C30TRCRIB	114	239.1	58.9	10.0	49	5	3	5
Pioneer hybrid P1213YHR	112	239.0	58.0	10.1	45	4	5	7
AgriGold A645-16VT2PRO	115	238.5	58.0	10.1	51	5	3	5
Pioneer hybrid P2089VYHR	120	237.3	57.3	10.8	51	7	3	5
Pioneer hybrid P1317YHR	113	237.3	59.3	10.3	46	9	3	7
LG Seeds LG66C44VT2Pro	116	236.9	57.8	9.9	50	4	3	4
DeKalb DKC63-57RIB	113	236.9	59.0	9.8	48	5	3	5
Brevant B14J04AM	114	236.7	57.8	9.8	48	6	4	5
Armor A1447	114	236.4	59.5	9.5	46	8	5	4
Stewart 13DD360	113	236.4	57.3	9.7	50	6	3	5
Stewart 14DD339	114	236.1	57.8	10.3	48	5	4	4
Warren Seed DS 5210	112	235.1	57.3	10.2	46	7	3	7
Dyna-Gro D54VC14	114	234.8	59.3	9.7	46	8	4	3
Dyna-Gro D58VC65	118	234.6	59.2	9.7	48	6	6	6
Brevant B15H98AM	115	234.4	60.0	10.4	49	7	4	5
Brevant B15M08AM	115	234.2	58.6	10.2	53	5	5	6
DeKalb DKC65-95RIB	115	234.2	59.8	9.8	49	5	4	5
NuTech 78A1AM	118	234.0	60.0	10.1	49	8	4	6
Dyna-Gro D57VC51	117	233.6	58.5	9.9	48	6	6	5
Croplan CP 5550 VT2P	115	233.5	57.5	9.5	47	6	4	6
Pioneer hybrid P1847VYHR	118	233.2	58.5	10.5	50	5	5	5
Augusta A1258	108	233.1	56.6	10.0	46	7	5	5
Armor A1299	112	232.9	58.3	10.2	50	6	4	8
NuTech 74B6AM	114	232.8	57.9	9.9	49	7	5	6
DeKalb DKC66-18RIB	116	232.6	58.0	9.7	45	6	5	5
Augusta A7168	118	232.6	57.5	9.9	49	6	4	6
NuTech 68A7AM	108	232.6	57.7	9.9	46	8	4	6
Pioneer hybrid P1464VYHR	114	232.5	58.7	10.1	54	9	4	8
NuTech 75G1YHR	115	232.3	60.4	10.3	50	8	5	4
Augusta A1065	113	232.1	61.2	9.8	50	7	5	4
Brevant B16J93AM	116	231.3	59.8	10.1	50	8	4	5
Taylor Seed T8680VT2Pro	116	231.3	58.2	10.2	49	7	7	6
Warren Seed DS 5676	116	230.8	59.2	10.2	48	8	4	6
DeKalb DKC59-82RIB	109	230.7	57.1	9.4	44	7	4	6
Stewart 16DP117	116	229.8	58.5	10.1	52	7	5	7
Mission A1457VT2P	114	229.4	59.4	9.5	45	7	4	4
Stewart 12DT701	112	229.3	57.1	9.8	48	5	3	3
Progeny PGY2025DG	115	228.6	58.4	9.7	48	4	4	6
Armor A1029	110	228.5	57.9	9.5	44	6	5	7
Progeny PGY9117VT2P	117	228.2	58.4	10.1	49	7	7	6
Taylor Seed T8824VT2Pro	113	227.7	59.5	9.4	46	7	6	5
NuTech 70A8AM	110	227.3	57.9	9.1	42	5	6	6

Wheat Tech Agronomy
Kentucky Average Corn Hybrid Performance Test Results - Continued

CC, SC, CaC, LaC, and WC

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)	GLS‡ (0-10)	SR‡ (0-10)
AgriGold A642-47STX	112	226.9	59.1	9.2	45	7	3	2
NuTech 5FB-2213AM	113	226.9	60.1	9.8	49	8	4	6
Progeny PGY9114VT2P	114	226.8	59.9	9.7	46	7	6	5
Mission A1857VT2P	118	226.7	59.4	9.6	49	5	5	7
Channel 209-15VT2PRIB	109	226.6	57.8	9.8	47	5	4	5
Stewart 09DD140	109	226.4	55.8	9.8	49	7	3	9
Brevant B11H09AM	111	225.8	57.3	10.1	46	6	3	6
DeKalb DKC62-53RIB	112	225.7	58.2	9.8	48	7	4	6
Warren Seed DS 5371	113	225.2	58.7	10.1	50	7	4	7
Dyna-Gro D53VC33	113	224.8	58.0	10.3	49	7	3	8
Augusta A4463	113	224.0	58.1	10.3	49	8	4	8
Mission A1548DGVT2P	115	223.9	58.6	9.9	47	3	4	6
LG Seeds LG62C35VT2Pro	112	223.5	58.2	9.7	50	6	4	3
Croplan CP 5073 SS	110	223.4	57.3	9.6	48	6	4	6
AgriGold A6572VT2RIB	114	223.3	60.6	10.0	51	6	4	5
Croplan CP 4997 VT2P	109	223.1	58.2	10.0	49	5	4	6
Progeny PGY8116SS	116	222.8	59.7	9.8	48	5	4	6
Mission A1687VT2P	116	222.4	58.9	9.8	50	7	6	6
Warren Seed DS 5018	110	222.0	57.6	9.9	50	8	6	8
Brevant B13Y85AM	113	221.6	57.4	10.1	47	6	5	7
NuTech 5FB-9909AM	109	221.5	57.6	9.7	49	8	5	7
AgriGold A642-59VT2RIB	112	221.2	57.9	9.8	47	5	5	8
Progeny EXP1912	112	221.1	58.2	10.4	50	7	3	8
Mission A1257VT2P	112	219.3	57.9	9.9	49	5	5	8
Stewart 09DP409	109	219.3	56.8	9.2	44	7	4	8
Croplan CP 5340 VT2P	113	218.6	58.9	9.6	46	7	3	8
Taylor Seed T8561VT2Pro	115	218.2	58.8	9.9	47	3	4	7
NuTech 72B7Q	112	218.0	59.6	9.8	47	6	6	6
Progeny PGY2015VT2P	115	217.5	61.1	9.9	51	6	6	4
Progeny PGY2012VT2P	112	216.9	57.7	9.8	47	5	5	8
Pioneer hybrid P1077YHR	110	216.3	58.3	9.8	45	8	4	9
AgVenture AV4509AM	109	215.6	58.9	9.7	47	5	5	7
Stewart 8E623RIB	112	214.1	56.9	10.4	47	8	5	4
Progeny PGY2008VT2P	108	210.1	56.7	9.3	43	5	6	5
LG Seeds LG60C12-5222	110	207.5	55.6	10.0	47	7	4	5
Grand Mean		229.5	58.4	9.9	48	6	4	6

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*,

NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*, GLS: Grey Leaf Spot *Cercospora zeae-maydis*

-NCLB ratings were taken from SC-KY, GLS ratings were taken from LaC-KY and SR ratings were taken from WC-KY, CC-KY and CaC-KY

-Ratings were taken on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Kentucky Average Corn Hybrid Performance Test Results

Early Group (≤ 111 days)

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)	GLS‡ (0-10)	SR‡ (0-10)
Augusta A1258	108	233.1	56.6	10.0	46	7	5	5
NuTech 68A7AM	108	232.6	57.7	9.9	46	8	4	6
DeKalb DKC59-82RIB	109	230.7	57.1	9.4	44	7	4	6
Armor A1029	110	228.5	57.9	9.5	44	6	5	7
NuTech 70A8AM	110	227.3	57.9	9.1	42	5	6	6
Channel 209-15VT2PRIB	109	226.6	57.8	9.8	47	5	4	5
Stewart 09DD140	109	226.4	55.8	9.8	49	7	3	9
Brevant B11H09AM	111	225.8	57.3	10.1	46	6	3	6
Croplan CP 5073 SS	110	223.4	57.3	9.6	48	6	4	6
Croplan CP 4997 VT2P	109	223.1	58.2	10.0	49	5	4	6
Warren Seed DS 5018	110	222.0	57.6	9.9	50	8	6	8
NuTech 5FB-9909AM	109	221.5	57.6	9.7	49	8	5	7
Stewart 09DP409	109	219.3	56.8	9.2	44	7	4	8
Pioneer hybrid P1077YHR	110	216.3	58.3	9.8	45	8	4	9
AgVenture AV4509AM	109	215.6	58.9	9.7	47	5	5	7
Progeny PGY2008VT2P	108	210.1	56.7	9.3	43	5	6	5
LG Seeds LG60C12-5222	110	207.5	55.6	10.0	47	7	4	5
Grand Mean		222.9	57.4	9.7	46	6	4	7

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*,

NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*, GLS: Grey Leaf Spot *Cercospora zea-maydis*

-NCLB ratings were taken from SC-KY, GLS ratings were taken from LaC-KY and SR ratings were taken from WC-KY, CC-KY and CaC-KY

-Ratings were taken on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Kentucky Average Corn Hybrid Performance Test Results

Medium Group (112-114 days)

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)	GLS‡ (0-10)	SR‡ (0-10)
Channel 214-78DGV2PRIB	114	250.8	58.0	10.3	52	6	4	3
AgriGold A6544VT2RIB	113	247.6	57.6	10.0	49	7	5	5
LG Seeds LG64C30TRCRIB	114	239.1	58.9	10.0	49	5	3	5
Pioneer hybrid P1213YHR	112	239.0	58.0	10.1	45	4	5	7
Pioneer hybrid P1317YHR	113	237.3	59.3	10.3	46	9	3	7
DeKalb DKC63-57RIB	113	236.9	59.0	9.8	48	5	3	5
Brevant B14J04AM	114	236.7	57.8	9.8	48	6	4	5
Armor A1447	114	236.4	59.5	9.5	46	8	5	4
Stewart 13DD360	113	236.4	57.3	9.7	50	6	3	5
Stewart 14DD339	114	236.1	57.8	10.3	48	5	4	4
Warren Seed DS 5210	112	235.1	57.3	10.2	46	7	3	7
Dyna-Gro D54VC14	114	234.8	59.3	9.7	46	8	4	3
Armor A1299	112	232.9	58.3	10.2	50	6	4	8
NuTech 74B6AM	114	232.8	57.9	9.9	49	7	5	6
Pioneer hybrid P1464VYHR	114	232.5	58.7	10.1	54	9	4	8
Augusta A1065	113	232.1	61.2	9.8	50	7	5	4
Mission A1457VT2P	114	229.4	59.4	9.5	45	7	4	4
Stewart 12DT701	112	229.3	57.1	9.8	48	5	3	3
Taylor Seed T8824VT2Pro	113	227.7	59.5	9.4	46	7	6	5
AgriGold A642-47STX	112	226.9	59.1	9.2	45	7	3	2
NuTech 5FB-2213AM	113	226.9	60.1	9.8	49	8	4	6
Progeny PGY9114VT2P	114	226.8	59.9	9.7	46	7	6	5
DeKalb DKC62-53RIB	112	225.7	58.2	9.8	48	7	4	6
Warren Seed DS 5371	113	225.2	58.7	10.1	50	7	4	7
Dyna-Gro D53VC33	113	224.8	58.0	10.3	49	7	3	8
Augusta A4463	113	224.0	58.1	10.3	49	8	4	8
LG Seeds LG62C35VT2Pro	112	223.5	58.2	9.7	50	6	4	3
AgriGold A6572VT2RIB	114	223.3	60.6	10.0	51	6	4	5
Brevant B13Y85AM	113	221.6	57.4	10.1	47	6	5	7
AgriGold A642-59VT2RIB	112	221.2	57.9	9.8	47	5	5	8
Progeny EXP1912	112	221.1	58.2	10.4	50	7	3	8
Mission A1257VT2P	112	219.3	57.9	9.9	49	5	5	8
Croplan CP 5340 VT2P	113	218.6	58.9	9.6	46	7	3	8
NuTech 72B7Q	112	218.0	59.6	9.8	47	6	6	6
Progeny PGY2012VT2P	112	216.9	57.7	9.8	47	5	5	8
Stewart 8E623RIB	112	214.1	56.9	10.4	47	8	5	4
Grand Mean		229.5	58.5	9.9	48	7	4	6

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*,

NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*, GLS: Grey Leaf Spot *Cercospora zea-maydis*

-NCLB ratings were taken from SC-KY, GLS ratings were taken from LaC-KY and SR ratings were taken from WC-KY, CC-KY and CaC-KY

-Ratings were taken on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Kentucky Average Corn Hybrid Performance Test Results

Late Group (≥ 115 days)

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)	GLS‡ (0-10)	SR‡ (0-10)
Stewart 15DP519	115	243.9	58.1	10.0	50	4	4	6
DeKalb DKC67-44RIB	117	243.7	59.4	10.0	48	6	4	5
Croplan CP 5678 VT2P	116	243.5	59.3	9.7	48	7	7	5
Dyna-Gro D55VC80	115	243.3	57.8	10.1	51	4	4	5
Channel 215-60TRERIB	115	241.7	56.7	10.3	52	6	4	5
Armor A1575	115	240.0	57.9	10.0	52	4	3	5
Warren Seed DS 5510	115	239.9	60.0	10.3	50	8	4	5
AgriGold A645-16VT2PRO	115	238.5	58.0	10.1	51	5	3	5
Pioneer hybrid P2089VYHR	120	237.3	57.3	10.8	51	7	3	5
LG Seeds LG66C44VT2Pro	116	236.9	57.8	9.9	50	4	3	4
Dyna-Gro D58VC65	118	234.6	59.2	9.7	48	6	6	6
Brevant B15H98AM	115	234.4	60.0	10.4	49	7	4	5
Brevant B15M08AM	115	234.2	58.6	10.2	53	5	5	6
DeKalb DKC65-95RIB	115	234.2	59.8	9.8	49	5	4	5
NuTech 78A1AM	118	234.0	60.0	10.1	49	8	4	6
Dyna-Gro D57VC51	117	233.6	58.5	9.9	48	6	6	5
Croplan CP 5550 VT2P	115	233.5	57.5	9.5	47	6	4	6
Pioneer hybrid P1847VYHR	118	233.2	58.5	10.5	50	5	5	5
DeKalb DKC66-18RIB	116	232.6	58.0	9.7	45	6	5	5
Augusta A7168	118	232.6	57.5	9.9	49	6	4	6
NuTech 75G1YHR	115	232.3	60.4	10.3	50	8	5	4
Brevant B16J93AM	116	231.3	59.8	10.1	50	8	4	5
Taylor Seed T8680VT2Pro	116	231.3	58.2	10.2	49	7	7	6
Warren Seed DS 5676	116	230.8	59.2	10.2	48	8	4	6
Stewart 16DP117	116	229.8	58.5	10.1	52	7	5	7
Progeny PGY2025DG	115	228.6	58.4	9.7	48	4	4	6
Progeny PGY9117VT2P	117	228.2	58.4	10.1	49	7	7	6
Mission A1857VT2P	118	226.7	59.4	9.6	49	5	5	7
Mission A1548DGVT2P	115	223.9	58.6	9.9	47	3	4	6
Progeny PGY8116SS	116	222.8	59.7	9.8	48	5	4	6
Mission A1687VT2P	116	222.4	58.9	9.8	50	7	6	6
Taylor Seed T8561VT2Pro	115	218.2	58.8	9.9	47	3	4	7
Progeny PGY2015VT2P	115	217.5	61.1	9.9	51	6	6	4
Grand Mean		233.0	58.8	10.0	49	6	5	5

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*,

NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*, GLS: Grey Leaf Spot *Cercospora zeaе-maydis*

-NCLB ratings were taken from SC-KY, GLS ratings were taken from LaC-KY and SR ratings were taken from WC-KY, CC-KY and CaC-KY

-Ratings were taken on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Six Location Average Corn Hybrid Performance Test Results

CC-KY, SC-KY, CaC-KY, LaC-KY, WC-KY and MO

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)	GLS‡ (0-10)	SR‡ (0-10)
AgriGold A6544VT2RIB	113	247.2	57.3	9.9	48	7	5	4
Dyna-Gro D55VC80	115	245.9	57.7	10.0	51	4	4	4
Channel 215-60TRERIB	115	245.2	56.6	10.2	52	6	4	4
LG Seeds LG64C30TRCRIB	114	243.3	58.7	9.9	49	5	3	5
Warren Seed DS 5510	115	242.0	59.7	10.2	50	8	4	4
AgriGold A645-16VT2PRO	115	241.8	57.8	10.0	51	5	3	4
LG Seeds LG66C44VT2Pro	116	240.3	57.7	9.9	50	4	3	4
Dyna-Gro D57VC51	117	238.5	58.3	9.8	48	6	6	4
Warren Seed DS 5210	112	238.2	57.1	10.1	46	7	3	6
Taylor Seed T8680VT2Pro	116	238.1	57.9	10.2	49	7	7	6
Dyna-Gro D58VC65	118	237.6	58.9	9.7	47	6	6	5
Augusta A1065	113	236.9	60.9	9.7	49	7	5	4
Augusta A7168	118	236.6	57.2	9.9	49	6	4	6
Dyna-Gro D54VC14	114	235.1	59.0	9.6	45	8	4	3
Warren Seed DS 5676	116	233.9	58.9	10.1	48	8	4	5
Augusta A1258	108	233.5	56.3	9.9	46	7	5	4
Progeny PGY9117VT2P	117	231.8	58.0	10.0	48	7	7	5
Channel 209-15VT2PRIB	109	229.6	57.3	9.8	47	5	4	5
Progeny PGY2025DG	115	228.2	58.0	9.7	48	4	4	5
Progeny PGY9114VT2P	114	227.5	59.5	9.6	45	7	6	4
Taylor Seed T8824VT2Pro	113	226.4	59.2	9.4	45	7	6	4
AgriGold A6572VT2RIB	114	226.3	60.4	9.9	51	6	4	5
Dyna-Gro D53VC33	113	226.2	57.8	10.2	49	7	3	7
Progeny PGY8116SS	116	225.8	59.5	9.7	49	5	4	5
Augusta A4463	113	225.6	57.8	10.3	48	8	4	8
LG Seeds LG62C35VT2Pro	112	225.2	57.9	9.7	49	6	4	3
Warren Seed DS 5371	113	224.9	58.5	10.1	50	7	4	6
Warren Seed DS 5018	110	224.8	57.5	9.8	50	8	6	7
Progeny PGY2015VT2P	115	223.5	60.9	9.8	51	6	6	4
Progeny EXP1912	112	223.2	58.0	10.3	50	7	3	7
Progeny PGY2012VT2P	112	221.8	57.6	9.7	47	5	5	7
Taylor Seed T8561VT2Pro	115	219.4	58.4	9.8	47	3	4	6
LG Seeds LG60C12-5222	110	210.7	55.2	10.0	46	7	4	4
Grand Mean		232.0	58.2	9.9	48	6	4	5

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, SR: Southern Rust *Puccinia polysora*,

NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*, GLS: Grey Leaf Spot *Cercospora zea-maydis*

-NCLB ratings were taken from SC-KY, GLS ratings were taken from LaC-KY and SR ratings were taken from WC-KY, CC-KY, CaC-KY and MO

-Ratings were taken on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
2020 Corn Hybrid Characteristics

Corn Hybrid Name	Traits	Herbicide Tolerance	Relative Maturity	Ear Flex	Seed Treatment
AgriGold A642-47STX	STX	RR	112	SF	PONCHO500+VOTIVO
AgriGold A642-59VT2RIB	VT2	RR	112	SF	PONCHO500+VOTIVO
AgriGold A645-16VT2PRO	VT2	RR	115	SF	PONCHO500+VOTIVO
AgriGold A647-35-3330	3330	RR, LL	117	SF	PONCHO500+VOTIVO
AgriGold A6544VT2RIB	VT2	RR	113	F	PONCHO500+VOTIVO
AgriGold A6572VT2RIB	VT2	RR	114	SF	PONCHO500+VOTIVO
AgriGold A6659VT2RIB	VT2	RR	116	F	PONCHO500+VOTIVO
Armor A1029	VT2P/ASR	RR	110	SF	Accelaron500
Armor A1299	VT2P	RR	112	SF	Accelaron500
Armor A1447	VT2P	RR	114	SF	Accelaron500
Armor A1575	VT2P/ASR	RR	115	SF	Accelaron500
Augusta A1065	VT2Pro	RR	113	F	Cruiser 250
Augusta A1258	3220GT	GT, LL	108	SF	Cruiser 250
Augusta A4463	VT2Pro	RR	113	SF	Cruiser 250
Augusta A7168	VT2Pro	RR	118	SF	Cruiser 250
Axis 63D28RIB	VT2P	RR	113	SF	Poncho 500 / Votivo
Axis 63K29RIB	VT2P	RR	113	SF	Poncho 500 / Votivo
Axis 65T29RIB	VT2P	RR	115	F	Poncho 500 / Votivo
Axis 66A26RIB	VT2P	RR	116	SF	Poncho 500 / Votivo
Axis 67K27RIB	VT2P	RR	117	SF	Poncho 500 / Votivo
Axis 68P28RIB	VT2P	RR	118	SF	Poncho 500 / Votivo
Brevant B11H09AM	Optimum AcreMax	RR2/LL	111	SF	Lumigen
Brevant B13Y85AM	Optimum AcreMax	RR2/LL	113	F	Lumigen
Brevant B14J04AM	Optimum AcreMax	RR2/LL	114	NR	Lumigen
Brevant B15H98AM	Optimum AcreMax	RR2/LL	115	SF	Lumigen
Brevant B15M08AM	Optimum AcreMax	RR2/LL	115	NR	Lumigen
Brevant B16J93AM	Optimum AcreMax	RR2/LL	116	SF	Lumigen
Channel 209-15VT2PRIB	VT2PRIB	RR	109	SF	Accelaron + Poncho 500 + B360
Channel 214-78DGV2PRIB	DGV2PRIB	RR	114	SF	Accelaron + Poncho 500 + B360
Channel 215-60TRERIB	TRERIB	RR	115	SF	Accelaron + Poncho 500 + B360
Channel 218-44VT2P	VT2P	RR	118	SF	Poncho 250
Croplan CP 4997 VT2P	VT2P	RR	109	SF	Accelaron500PonchoVotivo
Croplan CP 5073 SS	SS	RR	110	SF	Accelaron500PonchoVotivo
Croplan CP 5340 VT2P	VT2P	RR	113	SF	Accelaron500PonchoVotivo
Croplan CP 5550 VT2P	VT2P	RR	115	SF	Accelaron500PonchoVotivo
Croplan CP 5678 VT2P	VT2P	RR	116	SF	Accelaron500PonchoVotivo
DeKalb DKC59-82RIB	VT2PRIB	RR2	109	SD	P500+B360+EDC
DeKalb DKC62-53RIB	VT2PRIB	RR2	112	F	P500+B360+EDC
DeKalb DKC63-57RIB	VT2PRIB	RR2	113	F	P500+B360+EDC
DeKalb DKC65-95RIB	VT2PRIB	RR2	115	SD	P500+B360+EDC
DeKalb DKC66-18RIB	VT2PRIB	RR2	116	SD	P500+B360+EDC
DeKalb DKC67-44RIB	VT2PRIB	RR2	117	F	P250+B360

All information provided was submitted by each company through the entry form

Wheat Tech Agronomy
2020 Corn Hybrid Characteristics - Continued

Corn Hybrid Name	Traits	Herbicide Tolerance	Relative Maturity	Ear Flex	Seed Treatment
Dyna-Gro D53VC33	VT2Pro	RR2	113	SF	Poncho 250
Dyna-Gro D54VC14	VT2Pro	RR2	114	SF	Poncho 250
Dyna-Gro D55VC80	VT2Pro	RR2	115	SF	Poncho 250
Dyna-Gro D57VC51	VT2Pro	RR2	117	F	Poncho 250
Dyna-Gro D58VC65	VT2Pro	RR2	118	SF	Poncho 250
Gateway 0713 VT2Pro	VT2Pro	RR	113	SF	Accelaron, Poncho Votivo 500
Gateway 0813 DGVT2Pro	DGVT2Pro	RR	113	SD	Accelaron, Poncho Votivo 500
Gateway 0916 TRE	Tricepta	RR	116	SF	Accelaron, Poncho Votivo 500
Gateway 9714 VT2Pro	VT2Pro	RR	114	SF	Accelaron, Poncho Votivo 500
LG Seeds LG60C12-5222	Duracade 5222	GT, LL	110	F	Poncho 500/Votivo
LG Seeds LG62C35VT2Pro	VT2Pro	RR2	112	SF	Poncho 500/Votivo
LG Seeds LG64C30TRCRIB	Trecepta RIB	RR2	114	SF	Poncho 500/Votivo
LG Seeds LG66C44VT2Pro	VT2Pro	RR2	116	SF	Poncho 500/Votivo
Mission A1257VT2P	VT2P	RR	112	SF	Accelaron 250
Mission A1457VT2P	VT2P	RR	114	SF	Accelaron 250
Mission A1548DGVT2P	VT2P	RR	115	D	Accelaron 250
Mission A1687VT2P	VT2P	RR	116	n/a	n/a
Mission A1857VT2P	VT2P	RR	118	D	Accelaron 250
AgVenture AV4509AM	AM	GT, LL	109	n/a	n/a
NuTech 5FB-2213AM	AM	LL,RR	113	SF	Poncho 500/Votivo
NuTech 5FB-9909AM	AM	LL,RR	109	SF	Poncho 500/Votivo
NuTech 68A7AM	AM	LL,RR	108	SF	Poncho 500/Votivo
NuTech 70A8AM	AM	LL,RR	110	SF	Poncho 500/Votivo
NuTech 72B7Q	AM	LL,RR	112	SF	Poncho 500/Votivo
NuTech 74B6AM	AM	LL,RR	114	SF	Poncho 500/Votivo
NuTech 75G1YHR	YGCB, HX1	LL,RR	115	F	Poncho 500/Votivo
NuTech 78A1YHR	YGCB, HX1	LL,RR	118	F	Poncho 500/Votivo
Pioneer hybrid P1077YHR	YGCB, HX1	RR2/LL	110	SF	Lumigen
Pioneer hybrid P1213YHR	YGCB, HX1	RR2/LL	112	SF	Lumigen
Pioneer hybrid P1317YHR	YGCB, HX1	RR2/LL	113	SF	Lumigen
Pioneer hybrid P1464VYHR	AVBL, YGCB, HX1	RR2/LL	114	SF	Lumigen
Pioneer hybrid P1847VYHR	AVBL, YGCB, HX1	RR2/LL	118	F	Lumigen
Pioneer hybrid P2089VYHR	AVBL, YGCB, HX1	RR2/LL	120	F	Lumigen
Progeny EXP1912	VT2P	RR	112	SD	PV500+EDC+B360
Progeny EXP1917	Trecepta	RR	117	SF	PV500+EDC+B360
Progeny PGY2008VT2P	VT2P	RR	108	SD	PV500+EDC+B360
Progeny PGY2012VT2P	VT2P	RR	112	SF/SD	PV500+EDC+B360
Progeny PGY2015VT2P	VT2P	RR	115	SF	PV500+EDC+B360
Progeny PGY2025DG	VT2P, DG	RR	115	SF	PV500+EDC+B360
Progeny PGY8116SS	SS	RR, LL	116	SF	PV500+EDC+B360
Progeny PGY9114VT2P	VT2P	RR	114	SF/SD	PV500+EDC+B360
Progeny PGY9117VT2P	VT2P	RR	117	F	PV500+EDC+B360

All information provided was submitted by each company through the entry form

Wheat Tech Agronomy
2020 Corn Hybrid Characteristics - Continued

Corn Hybrid Name	Traits	Herbicide Tolerance	Relative Maturity	Ear Flex	Seed Treatment
Stewart 09DD140	DroughtGard	RR2	109	SF	Acceleron
Stewart 09DP409	VT2P	RR2	109	SD	Acceleron
Stewart 12DT701	Trecepta	RR2	112	SD	Acceleron
Stewart 13DD360	DroughtGard	RR2	113	SD	Acceleron
Stewart 14DD339	DroughtGard	RR2	114	F	Acceleron
Stewart 15DP519	VT2P	RR2	115	SD	Acceleron
Stewart 16DP117	VT2P	RR2	116	n/a	Acceleron
Stewart 8E623RIB	VT2P	RR2	112	D	Acceleron
Taylor Seed T8561VT2Pro	VT2Pro	RR	115	SF	250
Taylor Seed T8680VT2Pro	VT2Pro	RR	116	SF	250
Taylor Seed T8824VT2Pro	VT2Pro	RR	113	SF	250
Warren Seed DS 5018	YHR	RR,LL	110	F	Poncho1250/Votivo,Rancona, Maxim Quattro,Intego Solo
Warren Seed DS 5210	YHR	RR,LL	112	F	Poncho1250/Votivo,Rancona, Maxim Quattro,Intego Solo
Warren Seed DS 5371	YHR	RR,LL	113	F	Poncho1250/Votivo,Rancona, Maxim Quattro,Intego Solo
Warren Seed DS 5510	YHR	RR,LL	115	F	Poncho1250/Votivo,Rancona, Maxim Quattro,Intego Solo
Warren Seed DS 5676	YHR	RR,LL	116	F	Poncho1250/Votivo,Rancona, Maxim Quattro,Intego Solo

All information provided was submitted by each company through the entry form