



2019 Corn Hybrid Performance Trial Results

WHEAT TECH RESEARCH AND DEVELOPMENT DIVISION
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Wheat Tech Agronomy
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Wheat Tech Agronomy **2019 Corn Hybrid Performance Test**

General Information:

The 2019 Corn Hybrid Performance Tests were conducted in five different counties in Kentucky: Caldwell (Princeton), Christian (Pembroke), Warren (Bowling Green), Logan (Adairville), and Hardin County (Cecilia). 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 87 different hybrids tested this year at all the KY locations, with 18 in the early group, 29 in the medium group, and 40 in the late group. The MO location had a total of 50 hybrids, with 10 in the early group, 17 in the medium, and 23 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. Tests were conducted using 30-inch row spacing. Kentucky locations were planted at 30,000 seeds per acre, while Missouri was planted at 32,000 seeds per acre. 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.

Growing Season:

The growing season for the 2019 corn crop had its own set of challenges, however; it concluded by producing some very high yielding locations. Previous crop for all our corn plot locations was soybeans. Planting began on April 3rd with our Missouri location. It is our only location that is strip-tilled, and it was placed on a productive Caruthersville very fine sandy loam soil type in a dryland corner. The planting window we received at the beginning of April would allow for us to continue onto the Logan County, KY site on April 4th. The LC-KY site is a heavy residue, no-tilled field on Pembroke silt loam soil type. The next planted would be Caldwell County, KY on April 11th. This site had a vertical tillage implement ran over it approximately 6 days prior to planting and is placed on a Crider silt loam. After a brief pause, planting resumed on April 17th with the Warren County, KY location. It is located at the Western Kentucky University Farm. Much like a lot of areas last fall, a very wet soybean harvest had left several ruts in the chosen field. The decision was made to conventionally till the location prior to planting. Christian County, KY was planted on April 24th into soil that had been lightly tilled with a vertical tillage tool the first time and again more aggressively the day before it was planted. Again, the wet fall of 2018 caused some issues with combine tracks in the plot area, therefore; the second more aggressive time tilling helped to reduce some seedbed variability. Soil type at both WC-KY and CC-KY are also a Pembroke silt loam. The last hybrid trial planted was the Hardin County, KY site. This is the first time planting a hybrid trial in that area, and it was delayed until April 29th due to high and frequent amounts of rainfall. Soil type there is a Crider silt loam.

As the growing season continued most of the locations received timely amounts of rainfall to produce excellent yields and test weights. According to www.climate.com, the Christian County, KY location received the lowest average amount at only 19.99 inches from planting until harvest. This trial site also had the second lowest average yield of 221.9 bushels per acre. Our highest yielding location, Logan County, KY, recorded 25.56 inches of precipitation from planting through harvest. This location averaged 255.3 bushels per acre.

Storms brought a recorded rainfall amount of 28.18 inches at our Missouri trial site. These storms also brought very windy conditions. These winds produced an average of 13% green snap and 3% root lodging across all hybrids, however; some hybrids would experience much higher percentages of both. While taking these ratings it was noted that all green snap occurred above the ear.

Wheat Tech Agronomy **2019 Corn Hybrid Performance Test**

Growing Season Continued:

Disease pressure would vary across all trial sites for 2019. The Missouri location did have some Southern Rust pressure in high enough amounts across the entire trial to be rated. They were taken on August 14th. Some Southern Rust was also noted in the Logan County, KY and Christian County, KY locations, however; it was not in high enough concentrations to warrant a rating. Caldwell County, KY did have Northern Corn Leaf Blight arrive in high pressure levels, with the trial averaging a 3 on a 0-10 rating scale (10 equals high pressure and 0 equals none). Grey Leaf Spot was almost nonexistent in the corn trials. The Hardin County, KY plot was rated for GLS, but it only averaged a 2 out of 10.

This year our Hardin County, KY location experienced variable field conditions. The data collected from this site was determined to be too variable for the quality of data Wheat Tech holds itself to. Therefore, there are no statistics included with the data, and it was not included into any averages made.

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**

We would like to acknowledge the following participating companies, Wheat Tech owner, and supporting chemical companies. Also, special thanks are extended to all other Wheat Tech employees and the growers at which each of the performance tests were placed for any involvement with the research and development division.

Participating Companies:

AgriGold Hybrids
Armor Seed
Augusta Seed Corporation
Bayer DEKALB
Channel Seed
Croplan by Winfield United
Corteva AgroSciences - Pioneer
Dyna-Gro Seed (Nutrien Ag Solutions)
LG Seeds
Mayberry Seed Co./AgVenture
Mission Seed Solutions
Mycogen Seeds
NuTech Seed
Progeny Ag Products
Seed Consultants, Inc.
Stewart Seeds

Wheat Tech Owner:

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Western Kentucky University Farm:

WKU Agriculture Research and Education Center
Director: Dr. Paul Woosley
Professor of Agronomy: Dr. Todd Willian
Farm Manager: Mr. Mike Saxton

Supporting Chemical Companies:

BASF Corporation
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KOCH Agronomic Services, LLC.

Wheat Tech Research & Development Division:

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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)	GS‡ (%)	R-LOD‡ (%)	
Armor A1447	114	243.7	a†	58.5	9.0	49	0	18	6
AgVenture AV3917YHB	117	240.3	ab	56.2	9.3	50	2	5	3
AgriGold A6544VT2RIB	113	240.2	ab	56.2	9.0	49	1	8	6
LG Seeds LG5643VT2RIB	114	240.0	ab	56.6	9.0	49	2	11	0
AgVenture AV8614YHB	114	239.4	abc	56.4	9.2	49	2	9	3
Dyna-Gro D54VC14	114	239.1	a-d	58.0	8.8	49	2	19	15
NuTech 78A1YHR	118	238.9	a-d	57.2	9.2	49	2	9	3
Channel 218-44VT2P	118	238.7	a-d	55.7	9.3	49	1	0	0
Dyna-Gro D55VC80	115	238.4	a-d	57.1	9.0	51	0	4	1
Channel 219-77VT2P	119	236.1	a-e	53.9	9.3	54	4	28	0
AgriGold A6572VT2RIB	114	233.2	a-f	59.8	9.3	51	0	3	6
AgVenture RL9583YHB	118	232.5	a-g	57.0	9.5	50	2	11	8
LG Seeds LG5650VT2RIB	115	231.6	a-h	60.3	9.0	50	1	5	5
Progeny PGY9114VT2P	114	230.7	a-h	58.2	8.7	50	2	13	5
LG Seeds LG64C30TRCRIB	114	229.2	a-i	57.6	9.2	49	2	10	5
LG Seeds LG62C35VT2Pro	112	227.9	a-j	56.6	8.8	49	0	1	18
Progeny PGY9117VT2P	117	227.2	a-k	56.6	8.8	47	2	13	0
Progeny EXP1808	108	227.2	b-k	55.0	9.0	47	1	3	0
NuTech 5FB-7215AM	115	224.5	b-l	57.1	9.2	51	2	11	0
Progeny PGY8116SS	116	224.2	b-m	58.6	8.8	52	1	16	0
Dyna-Gro D58VC37	118	223.4	c-m	55.9	8.5	49	2	46	5
LG Seeds LG62C02VT2RIB	112	223.4	c-m	57.7	8.8	45	3	6	0
Augusta A1367	117	223.1	c-n	53.4	9.5	52	1	15	0
Armor X9116	116	223.1	c-n	55.3	8.5	49	1	23	4
AgriGold A644-32TRCRIB	114	222.7	d-n	57.5	9.2	50	1	20	0
Channel 209-15VT2P	109	220.3	e-o	56.1	9.0	49	2	5	0
AgVenture RL8430YHB	113	219.6	f-o	56.4	9.2	53	1	0	1
Dyna-Gro D57VC17	117	219.2	f-o	58.2	8.8	48	1	10	0
AgVenture AV8915YHB	115	218.4	f-p	57.6	9.2	52	1	18	3
NuTech 75G1AM	115	217.3	f-q	58.6	9.2	53	1	6	9
Augusta A4565	115	217.3	f-q	55.3	9.5	52	3	4	4
Progeny EXP1912	112	216.4	g-q	56.7	9.0	49	4	18	3
AgVenture AV9817YHB	117	215.7	h-q	56.1	9.7	55	1	19	3
Dyna-Gro D50VC30	110	215.4	h-q	57.3	8.7	50	2	5	1
AgVenture AV4509YHB	109	213.0	i-r	58.1	8.7	46	3	6	0
Augusta A9967	117	211.5	j-r	52.8	8.8	46	0	5	6
Dyna-Gro D53VC33	113	211.2	k-s	57.1	9.5	49	4	20	0
AgVenture AV8113AM	113	209.8	l-s	58.9	9.0	52	0	14	1
Armor A1118	111	209.6	l-s	57.2	8.8	48	2	15	0
Progeny PGY5115VT2P	115	208.0	m-s	56.3	8.8	48	2	23	1
AgriGold A647-46VT2PRO	117	206.7	n-s	58.3	8.5	48	2	28	0
NuTech 5FB-9909AM	109	206.3	o-s	57.5	8.8	52	4	18	3
NuTech 5FB-2213AM	113	204.2	o-s	59.1	9.0	48	1	4	8
AgriGold A6659VT2RIB	116	202.2	p-s	56.3	8.5	46	1	41	0
Augusta A1059	109	201.3	qrs	55.6	9.0	47	1	4	6
Augusta A4559	109	198.6	rs	53.9	9.0	49	4	13	0
NuTech 5FB-1111AM	111	198.5	rs	58.9	8.3	46	2	3	0
Armor A1299	112	198.3	rs	57.5	8.5	50	2	19	0
NuTech 5LB-6313AMXT	111	197.9	rs	55.3	9.2	50	1	6	13
Dyna-Gro D57VC51	117	195.0	s	56.5	8.5	47	1	38	0
LSD P=.05		16.5	.	.	.	.	.	.	.
CV		5.3	.	.	.	.	.	.	.
Grand Mean		220.6		56.9	9.0	49	2	13	3

Planted: April 3, 2019; Harvested: September 3, 2019

†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*, GS: Green Snap, R-LOD: Root Lodging
SR ratings were taken on August 14, 2019 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)	GS‡ (%)	R-LOD‡ (%)	
Progeny EXP1808	108	227.2	a†	55.0	9.0	47	1	3	0
Channel 209-15VT2P	109	220.3	ab	56.1	9.0	49	2	5	0
Dyna-Gro D50VC30	110	215.4	abc	57.3	8.7	50	2	5	1
AgVenture AV4509YHB	109	213.0	abc	58.1	8.7	46	3	6	0
Armor A1118	111	209.6	abc	57.2	8.8	48	2	15	0
NuTech 5FB-9909AM	109	206.3	abc	57.5	8.8	52	4	18	3
Augusta A1059	109	201.3	bc	55.6	9.0	47	1	4	6
Augusta A4559	109	198.6	c	53.9	9.0	49	4	13	0
NuTech 5FB-1111AM	111	198.5	c	58.9	8.3	46	2	3	0
NuTech 5LB-6313AMXT	111	197.4	c	55.3	9.2	50	1	6	13
LSD P=.05		21.4	.	.	.	.	.	.	.
CV		7.0	.	.	.	.	.	.	.
Grand Mean		208.8		56.5	8.9	48	2	8	2

Planted: April 3, 2019; Harvested: September 3, 2019

†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*, GS: Green Snap, R-LOD: Root Lodging

SR ratings were taken on August 14, 2019 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)	GS‡ (%)	R-LOD‡ (%)	
Armor A1447	114	243.7	a†	58.5	9.0	49	0	18	6
AgriGold A6544VT2RIB	113	240.2	a	56.2	9.0	49	1	8	6
LG Seeds LG5643VT2RIB	114	240.0	ab	56.6	9.0	49	2	11	0
AgVenture AV8614YHB	114	239.4	ab	56.4	9.2	49	2	9	3
Dyna-Gro D54VC14	114	239.1	abc	58.0	8.8	49	2	19	15
AgriGold A6572VT2RIB	114	233.2	a-d	59.8	9.3	51	0	3	6
Progeny PGY9114VT2P	114	230.7	a-e	58.2	8.7	50	2	13	5
LG Seeds LG64C30TRCRIB	114	229.2	a-e	57.6	9.2	49	2	10	5
LG Seeds LG62C35VT2Pro	112	227.9	a-e	56.6	8.8	49	0	1	18
LG Seeds LG62C02VT2RIB	112	223.4	b-f	57.7	8.8	45	3	6	0
AgriGold A644-32TRCRIB	114	222.7	c-f	57.5	9.2	50	1	20	0
AgVenture RL8430YHB	113	219.6	d-g	56.4	9.2	53	1	0	1
Progeny EXP1912	112	216.4	efg	56.7	9.0	49	4	18	3
Dyna-Gro D53VC33	113	211.2	fgh	57.1	9.5	49	4	20	0
AgVenture AV8113AM	113	209.8	fgh	58.9	9.0	52	0	14	1
NuTech 5FB-2213AM	113	204.2	gh	59.1	9.0	48	1	4	8
Armor A1299	112	198.3	h	57.5	8.5	50	2	19	0
LSD P=.05		16.6	.	.	.	.	.	.	.
CV		5.2	.	.	.	.	.	.	.
Grand Mean		225.2		57.6	9.0	50	2	11	5

Planted: April 3, 2019; Harvested: September 3, 2019

†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*, GS: Green Snap, R-LOD: Root Lodging

SR ratings were taken on August 14, 2019 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)	GS‡ (%)	R-LOD‡ (%)	
AgVenture AV3917YHB	117	240.3	a†	56.2	9.3	50	2	5	3
NuTech 78A1YHR	118	238.9	ab	57.2	9.2	49	2	9	3
Channel 218-44VT2P	118	238.7	ab	55.7	9.3	49	1	0	0
Dyna-Gro D55VC80	115	238.4	abc	57.1	9.0	51	0	4	1
Channel 219-77VT2P	119	236.1	abc	53.9	9.3	54	4	28	0
AgVenture RL9583YHB	118	232.5	a-d	57.0	9.5	50	2	11	8
LG Seeds LG5650VT2RIB	115	231.6	a-d	60.3	9.0	50	1	5	5
Progeny PGY9117VT2P	117	227.2	a-e	56.6	8.8	47	2	13	0
NuTech 5FB-7215AM	115	224.5	b-f	57.1	9.2	51	2	11	0
Progeny PGY8116SS	116	224.2	b-f	58.6	8.8	52	1	16	0
Dyna-Gro D58VC37	118	223.4	c-f	55.9	8.5	49	2	46	5
Augusta A1367	117	223.1	c-g	53.4	9.5	52	1	15	0
Armor X9116	116	223.1	c-g	55.3	8.5	49	1	23	4
Dyna-Gro D57VC17	117	219.2	d-h	58.2	8.8	48	1	10	0
AgVenture AV8915YHB	115	218.4	d-h	57.6	9.2	52	1	18	3
NuTech 75G1AM	115	217.3	d-i	58.6	9.2	53	1	6	9
Augusta A4565	115	217.3	d-i	55.3	9.5	52	3	4	4
AgVenture AV9817YHB	117	215.7	e-i	56.1	9.7	55	1	19	3
Augusta A9967	117	211.5	f-i	52.8	8.8	46	0	5	6
Progeny PGY5115VT2P	115	208.0	g-j	56.3	8.8	48	2	23	1
AgriGold A647-46VT2PRO	117	206.7	hij	58.3	8.5	48	2	28	0
AgriGold A6659VT2RIB	116	202.2	ij	56.3	8.5	46	1	41	0
Dyna-Gro D57VC51	117	195.0	j	56.5	8.5	47	1	38	0
LSD P=.05		15.3	.	.	.	.	.	.	.
CV		4.9	.	.	.	.	.	.	.
Grand Mean		222.3		56.5	9.0	50	1	16	2

Planted: April 3, 2019; Harvested: September 3, 2019

†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*, GS: Green Snap, R-LOD: Root Lodging

SR ratings were taken on August 14, 2019 on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
Logan County, KY Corn Hybrid Performance Test Results
Adairville, KY

Brand/Hybrid	RM#	Yield (BU/A)	TW# (LB/BU)	Plant HT# (FT)	Ear HT (IN)
Mycogen 25BHR80	115	278.2 a†	60.6	8.7	51
DeKalb DKC67-44RIB	117	274.7 ab	60.6	9.0	52
Dyna-Gro D55VC80	115	272.9 abc	59.4	9.2	51
DeKalb DKC70-27RIB	120	272.8 abc	59.6	9.3	52
Stewart 16DP310	116	272.8 abc	60.3	8.8	51
Pioneer hybrid P1464VYHR	114	271.8 a-d	60.4	8.8	53
Pioneer hybrid P1847VYHR	118	268.5 a-e	60.7	9.8	51
Croplan CP 5073 SS	110	267.7 a-e	58.6	8.5	49
Stewart 13DD360	113	267.1 a-e	58.2	9.0	50
Croplan CP 5678 VT2P	116	266.5 a-e	60.8	9.5	50
Channel 215-60TRERIB	115	266.2 a-f	58.7	9.0	53
NuTech 78A1YHR	118	265.4 a-g	61.5	9.5	50
Dyna-Gro D57VC17	117	265.0 a-h	60.4	9.0	52
Progeny PGY9114VT2P	114	264.9 a-i	60.7	9.0	51
Mission Seed A1857VT2P	118	264.3 a-j	60.6	8.8	51
LG Seeds LG5643VT2RIB	114	264.1 a-j	58.3	9.0	49
Stewart 15DP519	115	264.0 a-j	59.4	9.2	53
Mission Seed MEX1668SS	116	263.1 a-k	58.3	8.5	45
Progeny PGY9117VT2P	117	262.8 a-l	60.3	9.2	49
Stewart 14DD339	114	262.4 b-m	59.2	9.2	54
Mission Seed A1457VT2P	114	262.3 b-m	60.8	8.7	46
Seed Consultants SCS 1188AM	118	261.9 b-m	60.4	9.5	57
Dyna-Gro D58VC37	118	261.7 b-m	59.9	8.5	51
Armor A1299	112	261.2 b-n	59.5	9.5	54
LG Seeds LG62C02VT2RIB	112	261.1 b-o	60.1	9.5	47
DeKalb DKC65-95RIB	115	260.9 b-o	60.3	8.8	52
Stewart 17DP387	117	260.4 b-p	61.3	9.7	53
DeKalb DKC64-35RIB	114	259.9 b-q	60.6	9.0	52
Progeny PGY5115VT2P	115	259.7 b-r	59.4	8.8	47
AgriGold A647-46VT2PRO	117	259.6 b-s	60.5	8.8	52
Progeny EXP1912	112	259.6 b-s	59.2	9.7	54
Channel 209-15VT2PRIB	109	259.4 b-s	58.9	8.5	47
DeKalb DKC62-53RIB	112	259.4 b-s	58.8	8.8	48
Channel 218-44VT2PRIB	118	259.3 b-s	58.5	9.5	54
Dyna-Gro D53VC33	113	259.1 c-s	59.2	9.3	51
Mycogen 26BHR30	116	258.9 c-s	61.5	9.3	50
Seed Consultants SC-EX115YHR	117	258.9 c-s	61.2	9.0	49
AgriGold A644-32TRCRIB	114	258.7 c-s	59.5	9.0	53
Stewart 09DP409	109	258.6 c-s	57.9	8.5	46
Pioneer hybrid P1442YHR	114	258.3 c-s	60.8	9.5	52
Mission Seed MEX1749VT2P	117	257.6 c-t	58.9	8.7	47
Armor A1447	114	257.5 c-t	60.4	8.3	48
Channel 217-76VT2PRIB	117	257.1 d-t	58.5	8.7	50
Armor X9116	116	256.5 d-u	59.3	9.3	51
NuTech 75G1AM	115	256.4 d-u	61.2	8.7	50
AgriGold A6544VT2RIB	113	256.3 e-u	58.6	9.2	49
DeKalb DKC63-57RIB	113	256.0 e-v	59.5	8.8	52
LG Seeds LG5650VT2RIB	115	255.8 e-v	61.3	8.7	52
NuTech 5FB-7215AM	115	255.6 e-v	60.2	9.5	52
AgriGold A6572VT2RIB	114	255.4 e-w	61.4	8.8	53
Mission Seed MEX1519VT2P	115	255.4 e-w	62.0	9.0	52

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

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)
Seed Consultants SCS 1158YHR	115	255.4 e-w	60.0	9.3	52
Dyna-Gro D57VC51	117	255.2 e-w	60.3	8.8	51
Croplan CP 5340 VT2P	113	254.9 e-x	60.0	8.2	47
Mycogen 2397AM	113	254.1 e-y	60.3	8.7	52
Stewart 09DD140	109	253.2 e-z	56.8	8.7	50
Armor A1118	111	250.9 f-A	58.8	9.0	45
Mission Seed MEX1159VT2P	115	250.9 f-A	57.7	8.5	46
NuTech 5FB-2213AM	113	250.9 f-A	61.0	8.8	51
Progeny EXP1808	108	250.5 g-A	57.1	8.7	46
AgriGold A647-90VT2RIB	117	249.7 h-A	60.3	9.2	51
Mission Seed A1548DGVT2P	115	249.6 h-A	58.9	8.5	47
Stewart 8E623RIB	112	249.5 i-A	58.6	9.2	48
Dyna-Gro D54VC14	114	249.0 j-A	61.0	8.7	49
Pioneer hybrid P1870YHR	118	247.9 k-A	61.4	9.7	53
AgriGold A638-44DGVT2PRO	108	247.8 k-A	58.4	8.7	48
Augusta A9967	117	247.6 l-A	56.3	9.5	54
LG Seeds LG62C35VT2Pro	112	247.2 m-A	59.0	8.8	54
Mission Seed A1257VT2P	112	245.9 n-A	58.7	9.2	48
Mycogen 2499AM	114	245.7 o-A	60.1	9.7	51
LG Seeds LG64C30TRCRIB	114	245.5 p-A	59.9	9.2	52
Pioneer hybrid P1197YHR	111	245.3 p-A	59.1	8.8	50
NuTech 5LB-6313AMXT	111	245.0 p-A	58.5	9.5	50
Progeny PGY8116SS	116	244.9 q-A	61.2	9.2	53
NuTech 5FB-9909AM	109	244.4 r-A	59.0	8.7	51
Mycogen 2098YHR	110	244.3 s-A	59.1	8.7	49
Augusta A1367	117	242.3 t-B	58.0	10.3	51
Mycogen 2358AM	113	241.3 u-B	57.6	9.7	50
Mycogen MY14H95RA	114	240.6 v-B	56.7	9.8	53
NuTech 5FB-1111AM	111	240.6 v-B	60.8	8.5	46
Progeny PGY7111VT2P	111	240.1 w-B	57.2	9.2	46
Augusta A4559	109	239.6 x-C	56.2	9.0	50
Dyna-Gro D50VC30	110	239.3 y-C	58.7	8.8	51
Augusta A4565	115	238.3 z-C	59.2	9.5	55
Croplan CP 4997 VT2P	109	235.5 ABC	58.6	9.0	50
Pioneer hybrid P1138YHR	111	226.9 BC	60.7	8.8	52
Augusta A1059	109	224.6 C	56.8	8.7	44
LSD P=.05		15.4	.	.	.
CV		4.3	.	.	.
Grand Mean		255.3	59.5	9.0	50

Planted: April 4, 2019; Harvested: September 16, 2019

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

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

Brand/Hybrid	RM#	Yield (BU/A)	TW# (LB/BU)	Plant HT# (FT)	Ear HT (IN)	NCLB# (0-10)
Dyna-Gro D50VC30	110	258.7 a†	58.9	10.5	56	2
Stewart 09DD140	109	257.2 ab	55.9	10.2	55	4
DeKalb DKC64-35RIB	114	255.5 abc	58.5	10.5	55	1
Pioneer hybrid P1464VYHR	114	253.1 a-d	59.5	10.5	59	6
Pioneer hybrid P1847VYHR	118	252.9 a-d	57.7	11.0	55	2
Augusta A4565	115	252.8 a-d	56.9	11.0	58	3
AgriGold A644-32TRCRIB	114	252.3 a-d	57.8	10.3	57	1
NuTech 78A1YHR	118	252.3 a-d	60.5	10.7	57	7
Channel 215-60TRERIB	115	251.3 a-e	56.9	10.5	56	2
LG Seeds LG5643VT2RIB	114	250.9 a-f	57.4	10.2	54	2
DeKalb DKC62-53RIB	112	250.2 a-g	58.1	9.8	49	3
Progeny PGY9114VT2P	114	250.1 a-g	59.2	10.2	53	2
Dyna-Gro D54VC14	114	249.4 a-h	59.4	9.8	51	4
Mission Seed A1857VT2P	118	249.0 a-h	58.8	9.7	53	1
Mission Seed A1457VT2P	114	248.8 a-i	59.5	9.8	50	4
Mycogen 26BHR30	116	248.4 a-j	60.4	10.5	54	5
Channel 218-44VT2PRIB	118	248.2 a-k	57.8	10.3	56	3
AgriGold A6572VT2RIB	114	248.0 a-k	59.7	10.0	58	2
DeKalb DKC70-27RIB	120	247.8 a-k	57.2	10.3	56	1
NuTech 75G1AM	115	247.8 a-k	60.5	10.5	56	4
Progeny PGY9117VT2P	117	247.6 a-k	58.8	10.2	53	3
Croplan CP 5678 VT2P	116	247.4 a-k	59.2	9.8	49	3
Armor A1299	112	246.5 a-l	58.1	10.3	51	4
Mission Seed MEX1668SS	116	246.2 a-m	57.6	9.7	50	1
AgriGold A638-44DGVT2PRO	108	245.7 a-m	58.6	10.2	53	6
AgriGold A6544VT2RIB	113	245.6 a-m	57.4	9.8	52	3
Croplan CP 4997 VT2P	109	245.4 a-m	58.8	10.3	56	2
Stewart 15DP519	115	245.2 a-m	58.0	10.3	54	2
DeKalb DKC67-44RIB	117	244.3 a-n	59.2	10.2	55	1
Stewart 09DP409	109	244.2 a-n	56.6	9.8	53	3
LG Seeds LG5650VT2RIB	115	243.6 a-n	60.5	10.3	56	2
Channel 209-15VT2PRIB	109	243.2 a-n	58.0	9.8	53	2
Dyna-Gro D53VC33	113	242.5 a-o	57.9	11.0	58	3
Dyna-Gro D55VC80	115	242.1 a-o	57.9	10.2	58	2
DeKalb DKC65-95RIB	115	241.6 a-o	58.8	10.5	54	1
Armor A1118	111	241.2 a-p	58.5	10.2	51	4
NuTech 5FB-9909AM	109	241.2 a-q	58.4	10.5	54	6
DeKalb DKC63-57RIB	113	241.1 a-q	59.4	9.7	52	2
Progeny EXP1912	112	241.0 a-r	58.4	10.5	53	5
Dyna-Gro D58VC37	118	240.5 a-s	57.1	10.3	53	4
Mission Seed MEX1519VT2P	115	240.3 a-s	61.4	10.0	56	5
NuTech 5FB-7215AM	115	239.7 a-s	58.5	10.7	55	5
Mycogen 2358AM	113	239.6 a-s	56.3	10.7	56	1
Croplan CP 5340 VT2P	113	239.4 b-s	59.1	10.0	52	4
Armor A1447	114	239.1 b-s	59.9	9.8	53	5
Stewart 17DP387	117	238.1 b-s	59.0	9.8	56	3
Stewart 16DP310	116	237.8 c-s	58.6	9.7	51	3
Progeny PGY5115VT2P	115	237.2 c-t	57.5	10.3	52	5
Pioneer hybrid P1197YHR	111	237.1 c-t	58.6	10.0	50	2
Stewart 14DD339	114	236.9 c-t	57.9	10.3	55	3
Mycogen 2397AM	113	236.0 d-u	60.1	10.0	54	4

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)	NCLB‡ (0-10)
Progeny PGY7111VT2P	111	235.2	d-u	56.3	10.0	3
Seed Consultants SC-EX115YHR	117	235.2	d-u	60.3	9.5	6
Seed Consultants SCS 1158YHR	115	234.7	d-v	58.6	10.2	4
Augusta A9967	117	234.3	d-v	53.3	10.5	2
Mycogen 25BHR80	115	234.2	d-v	60.2	10.5	4
Progeny PGY8116SS	116	232.8	e-w	59.4	10.0	2
Stewart 13DD360	113	232.6	e-w	57.4	10.0	2
Mission Seed A1257VT2P	112	231.9	f-x	58.0	10.0	2
Mission Seed MEX1159VT2P	115	231.7	g-x	56.9	9.7	3
Progeny EXP1808	108	231.5	g-x	57.2	9.5	1
NuTech 5FB-2213AM	113	231.4	g-x	60.5	9.5	4
Stewart 8E623RIB	112	230.6	h-x	57.7	10.3	4
Channel 217-76VT2PRIB	117	229.7	i-x	57.5	9.7	2
Mycogen MY14H95RA	114	229.6	j-x	53.1	10.7	2
Mycogen 2499AM	114	229.6	i-x	58.1	10.5	4
Mission Seed A1548DGVT2P	115	229.2	k-x	57.9	9.9	1
NuTech 5LB-6313AMXT	111	229.1	k-x	57.1	10.8	2
Dyna-Gro D57VC17	117	228.2	l-x	59.0	9.7	2
LG Seeds LG62C35VT2Pro	112	228.0	l-x	58.8	9.7	3
Augusta A4559	109	227.9	l-x	53.8	10.0	5
Pioneer hybrid P1870YHR	118	227.5	l-x	58.9	10.7	3
AgriGold A647-46VT2PRO	117	227.1	m-x	59.1	9.8	1
Mission Seed MEX1749VT2P	117	225.6	n-x	57.4	9.5	3
Dyna-Gro D57VC51	117	225.4	n-x	58.4	10.0	4
Croplan CP 5073 SS	110	224.0	o-x	58.4	9.8	4
Augusta A1059	109	222.3	p-x	56.0	10.0	1
NuTech 5FB-1111AM	111	222.0	q-x	60.2	9.3	4
LG Seeds LG64C30TRCRIB	114	221.9	r-x	58.6	10.0	1
Augusta A1367	117	221.8	s-x	56.5	10.8	6
LG Seeds LG62C02VT2RIB	112	221.7	s-x	59.6	9.7	8
Pioneer hybrid P1442YHR	114	218.3	t-x	59.0	10.7	5
Mycogen 2098YHR	110	217.5	u-x	58.7	9.8	7
Pioneer hybrid P1138YHR	111	217.5	u-x	59.9	10.2	4
AgriGold A647-90VT2RIB	117	215.6	vwX	59.2	10.2	3
Seed Consultants SCS 1188AM	118	214.6	wX	59.1	10.7	6
Armor X9116	116	213.0	x	57.4	9.7	5
LSD P=.05		19.2	.	.	.	.
CV		5.8	.	.	.	.
Grand Mean		237.8		58.3	10.2	3

Planted: April 11, 2019; Harvested: September 12, 2019

†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 19, 2019 on a 0-10 scale where 10 equals high 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)
Seed Consultants SCS 1188AM	118	251.9	a†	58.8	9.5	51
NuTech 75G1AM	115	249.7	ab	59.9	8.8	48
Pioneer hybrid P1847VYHR	118	249.5	ab	59.1	9.3	49
DeKalb DKC70-27RIB	120	248.9	abc	58.7	8.8	47
LG Seeds LG5643VT2RIB	114	248.9	abc	58.5	8.7	49
NuTech 78A1YHR	118	248.7	a-d	60.4	9.0	50
Augusta A1367	117	247.6	a-e	56.1	9.5	50
DeKalb DKC67-44RIB	117	247.3	a-e	59.6	8.8	46
Channel 215-60TRERIB	115	245.1	a-f	57.9	8.8	47
Dyna-Gro D55VC80	115	244.2	a-g	58.7	8.7	48
AgriGold A6572VT2RIB	114	243.5	a-h	61.0	9.3	51
Pioneer hybrid P1464VYHR	114	243.2	a-i	59.0	8.7	49
AgriGold A6544VT2RIB	113	243.1	a-j	58.9	8.7	48
Armor X9116	116	241.7	a-k	58.5	8.8	50
Mycogen 26BHR30	116	241.7	a-k	60.8	9.0	46
Seed Consultants SC-EX115YHR	117	241.2	a-l	59.7	8.7	50
Stewart 15DP519	115	240.9	a-m	59.1	8.8	47
Mycogen 25BHR80	115	240.0	a-n	60.1	8.7	46
Dyna-Gro D57VC51	117	239.9	a-n	59.6	8.8	47
LG Seeds LG5650VT2RIB	115	238.9	a-o	60.6	8.8	49
Croplan CP 5678 VT2P	116	238.5	a-o	60.7	8.7	45
Armor A1447	114	238.2	a-p	60.6	8.5	43
Armor A1118	111	237.9	a-q	59.2	8.8	46
Augusta A9967	117	237.4	a-r	54.8	9.3	51
Channel 209-15VT2PRIB	109	237.3	a-r	58.7	9.0	48
Pioneer hybrid P1870YHR	118	236.9	a-s	59.9	8.8	47
DeKalb DKC63-57RIB	113	236.7	b-s	60.0	8.5	49
Progeny PGY8116SS	116	236.2	b-s	60.4	8.8	51
Mission Seed A1457VT2P	114	234.9	b-t	60.5	8.5	44
Progeny PGY9117VT2P	117	234.8	b-t	59.5	8.5	48
Armor A1299	112	234.3	c-u	59.5	9.3	49
Dyna-Gro D57VC17	117	233.9	d-u	60.0	8.5	50
Croplan CP 5340 VT2P	113	233.8	d-u	59.2	8.5	46
AgriGold A638-44DGV2PRO	108	233.7	e-u	58.7	8.7	44
Channel 218-44VT2PRIB	118	233.6	e-u	58.7	8.8	49
Croplan CP 5073 SS	110	233.5	e-u	58.2	8.5	48
Dyna-Gro D54VC14	114	233.1	e-v	60.5	8.5	47
Dyna-Gro D58VC37	118	232.8	e-w	59.4	8.7	46
Dyna-Gro D50VC30	110	232.3	f-w	59.5	8.7	48
Dyna-Gro D53VC33	113	231.9	f-x	59.8	8.8	46
Channel 217-76VT2PRIB	117	231.4	f-x	58.4	8.5	47
LG Seeds LG62C02VT2RIB	112	231.3	f-x	59.7	8.8	45
Pioneer hybrid P1197YHR	111	231.3	f-x	58.7	8.5	45
Stewart 17DP387	117	230.9	f-y	59.0	9.2	51
NuTech 5LB-6313AMXT	111	230.6	f-y	58.9	9.0	49
NuTech 5FB-2213AM	113	230.5	f-y	60.6	8.3	45
Mycogen MY14H95RA	114	230.4	f-y	55.8	9.2	50
AgriGold A647-46VT2PRO	117	229.7	g-z	59.3	8.8	51
Mission Seed MEX1749VT2P	117	229.7	g-z	58.5	8.3	44
Croplan CP 4997 VT2P	109	229.3	g-z	58.8	8.8	44
Stewart 09DP409	109	229.3	g-z	57.6	8.5	45

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)
Progeny PGY5115VT2P	115	228.8	h-A	58.7	8.8	44
DeKalb DKC62-53RIB	112	228.5	i-B	58.9	8.5	47
Mission Seed A1857VT2P	118	228.3	j-B	60.2	8.5	46
Mission Seed MEX1668SS	116	228.3	i-B	58.0	8.3	45
Mission Seed MEX1519VT2P	115	228.0	k-B	60.8	8.7	49
Stewart 16DP310	116	228.0	k-B	59.6	8.8	45
Stewart 09DD140	109	227.8	k-B	56.7	8.3	48
AgriGold A647-90VT2RIB	117	227.7	k-B	59.4	9.5	52
Stewart 14DD339	114	227.3	k-B	58.1	9.2	47
DeKalb DKC65-95RIB	115	226.6	l-C	60.4	8.3	47
AgriGold A644-32TRCRIB	114	226.5	l-C	59.4	8.7	49
Progeny EXP1912	112	226.0	m-C	59.4	9.3	48
Progeny PGY9114VT2P	114	226.0	m-C	60.7	8.3	44
Mycogen 2358AM	113	225.8	n-C	57.5	8.7	46
Seed Consultants SCS 1158YHR	115	224.9	o-D	58.5	8.5	46
Stewart 8E623RIB	112	223.3	p-D	57.9	8.8	47
LG Seeds LG64C30TRCRIB	114	223.1	q-D	59.2	9.0	48
DeKalb DKC64-35RIB	114	222.5	r-D	59.5	8.7	45
Augusta A4565	115	222.1	s-D	57.3	9.5	50
LG Seeds LG62C35VT2Pro	112	220.1	t-D	59.0	8.7	47
Progeny EXP1808	108	220.1	t-D	56.8	8.2	46
Mycogen 2499AM	114	219.8	u-D	58.5	9.0	47
Mission Seed A1257VT2P	112	218.2	v-E	58.4	8.7	44
NuTech 5FB-1111AM	111	218.2	v-E	60.3	8.5	46
NuTech 5FB-7215AM	115	217.9	w-E	58.5	9.2	47
Mission Seed A1548DGVT2P	115	217.1	x-E	58.6	8.5	47
Mycogen 2397AM	113	216.3	y-E	60.1	8.3	45
Stewart 13DD360	113	216.2	y-E	57.8	8.5	44
Augusta A4559	109	214.9	z-E	54.9	8.5	46
Mission Seed MEX1159VT2P	115	214.2	A-E	58.0	8.3	42
Pioneer hybrid P1138YHR	111	214.1	A-E	59.9	8.7	45
NuTech 5FB-9909AM	109	213.8	B-E	58.4	8.5	45
Augusta A1059	109	212.2	C-F	56.6	8.3	45
Progeny PGY7111VT2P	111	210.6	DEF	57.4	8.7	44
Pioneer hybrid P1442YHR	114	204.3	EF	59.7	9.2	46
Mycogen 2098YHR	110	198.1	F	58.5	8.7	45
LSD P=.05		15.0		.	.	.
CV		4.7		.	.	.
Grand Mean		230.8		59.0	8.8	47

Planted: April 17, 2019; Harvested: September 10, 2019

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

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

Pembroke, KY

Brand/Hybrid	RM#	Yield (BU/A)	TW#	Plant HT# (FT)	Ear HT (IN)
Dyna-Gro D55VC80	115	251.5 a†	57.7	9.3	46
Stewart 13DD360	113	246.3 ab	57.0	8.8	43
Stewart 15DP519	115	245.3 abc	57.9	9.7	45
DeKalb DKC63-57RIB	113	244.5 a-d	59.2	9.0	45
AgriGold A647-90VT2RIB	117	243.0 a-e	58.1	9.5	47
NuTech 78A1YHR	118	240.0 a-f	59.2	9.5	46
DeKalb DKC70-27RIB	120	239.8 a-f	57.7	9.5	43
AgriGold A6544VT2RIB	113	238.8 a-g	57.2	8.8	42
Armor A1447	114	238.4 a-h	59.2	8.7	41
Channel 215-60TRERIB	115	237.9 a-i	56.9	9.5	46
AgriGold A6572VT2RIB	114	237.6 a-i	60.0	9.3	49
Croplan CP 5073 SS	110	237.4 a-i	57.8	9.0	43
Dyna-Gro D57VC51	117	236.5 a-j	58.5	9.2	40
LG Seeds LG5643VT2RIB	114	236.5 a-j	57.7	9.2	44
Pioneer hybrid P1464VYHR	114	235.5 a-k	58.3	9.2	50
LG Seeds LG64C30TRCRIB	114	235.5 a-k	57.3	9.2	46
Armor A1118	111	234.5 a-l	58.0	9.2	42
Progeny PGY8116SS	116	233.6 a-l	59.4	9.5	47
Mission Seed A1548DGVT2P	115	233.4 a-m	56.6	9.2	43
DeKalb DKC65-95RIB	115	233.3 a-m	59.5	9.0	47
Progeny PGY5115VT2P	115	232.9 a-n	57.4	9.2	41
Croplan CP 5340 VT2P	113	232.6 a-o	58.8	9.2	43
Dyna-Gro D53VC33	113	232.3 a-p	57.4	9.7	44
LG Seeds LG5650VT2RIB	115	232.0 a-p	59.9	9.3	50
Armor X9116	116	231.9 a-p	57.3	9.2	43
DeKalb DKC62-53RIB	112	231.8 a-p	58.2	8.8	40
Stewart 14DD339	114	231.8 a-p	57.8	9.5	46
Mycogen 26BHR30	116	231.7 a-p	58.9	9.5	42
Mission Seed A1257VT2P	112	231.0 a-q	57.9	9.3	42
DeKalb DKC67-44RIB	117	230.1 a-r	59.1	8.8	46
Stewart 09DD140	109	228.5 a-r	56.2	8.8	45
Mission Seed MEX1519VT2P	115	228.4 a-s	61.2	9.0	45
Mission Seed A1857VT2P	118	227.6 a-s	59.1	9.2	46
Croplan CP 5678 VT2P	116	227.3 a-s	58.7	9.2	41
Seed Consultants SC-EX115YHR	117	226.8 a-s	59.7	9.0	40
Channel 209-15VT2PRIB	109	226.6 b-t	58.6	9.3	43
Mycogen 25BHR80	115	226.2 b-t	59.2	9.3	41
Pioneer hybrid P1870YHR	118	225.7 b-t	58.8	9.5	42
DeKalb DKC64-35RIB	114	225.4 b-u	59.8	9.5	45
Stewart 16DP310	116	224.9 b-u	58.3	9.0	43
AgriGold A644-32TRCRIB	114	224.4 b-u	58.1	9.2	46
Pioneer hybrid P1847VYHR	118	224.0 b-u	57.6	9.7	43
Channel 218-44VT2PRIB	118	223.7 b-u	58.3	9.7	45
Mission Seed MEX1159VT2P	115	222.7 b-v	57.4	8.5	40
Progeny EXP1912	112	222.7 b-v	57.1	9.5	46
Dyna-Gro D57VC17	117	222.3 b-w	59.3	9.2	46
Dyna-Gro D54VC14	114	221.8 b-w	59.8	9.0	41
Stewart 17DP387	117	221.6 b-x	59.4	9.3	48
Progeny PGY7111VT2P	111	220.7 c-y	56.7	8.8	44
Mission Seed MEX1749VT2P	117	219.7 d-z	57.5	9.0	42
Seed Consultants SCS 1188AM	118	218.5 e-A	58.5	9.5	48

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)
Progeny EXP1808	108	218.2 e-A	57.2	8.7	37
Mission Seed A1457VT2P	114	217.9 f-B	59.5	8.8	39
Croplan CP 4997 VT2P	109	217.2 f-B	58.8	9.0	40
Stewart 8E623RIB	112	216.7 f-B	57.7	9.2	41
Augusta A9967	117	216.5 f-B	55.1	9.7	50
Armor A1299	112	216.2 f-B	58.3	9.3	43
Seed Consultants SCS 1158YHR	115	216.1 f-B	58.4	9.3	43
Dyna-Gro D50VC30	110	215.9 f-B	59.2	8.8	43
Pioneer hybrid P1197YHR	111	215.8 f-B	58.4	9.2	36
LG Seeds LG62C02VT2RIB	112	215.3 f-B	58.6	9.0	39
Mycogen 2499AM	114	214.5 g-B	58.6	9.2	40
AgriGold A647-46VT2PRO	117	213.6 h-B	59.5	9.0	45
Progeny PGY9114VT2P	114	213.5 i-B	59.3	8.7	40
NuTech 5FB-9909AM	109	213.3 i-B	58.2	9.2	40
Mission Seed MEX1668SS	116	212.2 j-B	57.7	8.8	40
LG Seeds LG62C35VT2Pro	112	210.8 k-B	58.0	9.2	44
Stewart 09DP409	109	210.2 l-B	57.4	8.3	37
Progeny PGY9117VT2P	117	209.7 l-B	58.4	9.0	41
Augusta A4565	115	208.8 m-B	56.5	9.7	45
Mycogen MY14H95RA	114	208.5 n-B	55.0	9.5	42
Augusta A4559	109	208.1 o-B	53.8	9.0	40
Pioneer hybrid P1138YHR	111	208.0 o-B	59.3	8.8	42
AgriGold A638-44DGVT2PRO	108	207.5 p-B	58.5	8.8	43
Dyna-Gro D58VC37	118	206.8 q-B	58.0	9.2	41
Augusta A1059	109	206.3 q-B	56.8	9.0	47
Mycogen 2358AM	113	206.1 r-B	56.4	9.0	42
Channel 217-76VT2PRIB	117	203.6 s-B	56.8	9.0	41
Pioneer hybrid P1442YHR	114	201.9 t-B	58.5	9.5	40
NuTech 5FB-7215AM	115	200.7 u-B	58.1	9.3	40
NuTech 5FB-1111AM	111	198.7 v-B	59.5	8.5	40
Augusta A1367	117	197.6 w-B	55.7	10.0	45
Mycogen 2098YHR	110	196.9 x-B	57.7	9.0	41
NuTech 5FB-2213AM	113	196.1 y-B	60.1	9.2	40
NuTech 75G1AM	115	195.6 zAB	59.4	9.5	43
NuTech 5LB-6313AMXT	111	194.0 AB	57.6	9.2	41
Mycogen 2397AM	113	193.2 B	60.7	9.0	39
LSD P=.05		24.8	.	.	.
CV		8.0	.	.	.
Grand Mean		221.9	58.2	9.2	43

Planted: April 24, 2019; Harvested: September 13, 2019

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

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height

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

Cecilia, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	GLS‡ (0-10)
Stewart 14DD339	114	235	59	11	45	1
AgriGold A647-46VT2PRO	117	233	61	10	44	2
Mycogen 25BHR80	115	232	61	10	37	3
Channel 217-76VT2PRIB	117	224	60	10	39	2
NuTech 75G1AM	115	222	61	10	38	2
Channel 215-60TRERIB	115	222	59	10	43	2
Channel 209-15VT2PRIB	109	220	60	10	38	3
Seed Consultants SC-EX115YHR	117	218	62	10	38	2
Pioneer hybrid P1464VYHR	114	216	60	10	48	1
Channel 218-44VT2PRIB	118	213	61	10	39	3
Stewart 17DP387	117	213	61	10	45	2
Croplan CP 5073 SS	110	213	60	10	44	2
Dyna-Gro D55VC80	115	212	60	10	47	2
Stewart 09DP409	109	212	59	9	35	2
DeKalb DKC64-35RIB	114	210	61	10	40	2
DeKalb DKC70-27RIB	120	210	60	10	41	1
Progeny PGY9114VT2P	114	210	61	9	36	2
DeKalb DKC65-95RIB	115	209	61	9	39	1
Mycogen 26BHR30	116	209	62	10	42	1
AgriGold A6544VT2RIB	113	207	59	9	33	3
Dyna-Gro D54VC14	114	206	61	10	39	2
AgriGold A6572VT2RIB	114	205	61	10	43	1
Dyna-Gro D58VC37	118	205	60	10	41	2
Mission Seed A1548DGVT2P	115	204	60	10	38	1
LG Seeds LG64C30TRCRIB	114	204	61	10	42	2
Mycogen MY14H95RA	114	204	57	10	40	2
Dyna-Gro D57VC17	117	203	61	9	40	1
Armor A1447	114	203	62	9	38	2
DeKalb DKC67-44RIB	117	202	61	10	41	1
Pioneer hybrid P1870YHR	118	200	61	10	38	1
Progeny PGY5115VT2P	115	199	60	10	39	3
Stewart 8E623RIB	112	198	59	10	36	2
Armor A1299	112	197	60	10	41	1
AgriGold A647-90VT2RIB	117	196	60	10	42	1
Dyna-Gro D50VC30	110	196	60	10	38	2
Stewart 13DD360	113	196	59	10	45	2
Stewart 09DD140	109	195	58	10	36	2
Mycogen 2358AM	113	195	59	10	39	2
DeKalb DKC62-53RIB	112	195	60	9	40	2
LG Seeds LG5643VT2RIB	114	194	59	9	37	2
Augusta A4565	115	194	58	11	39	2
Dyna-Gro D53VC33	113	194	60	10	41	1
Mission Seed A1257VT2P	112	193	59	10	40	2
Augusta A1059	109	193	57	10	40	2
Progeny EXP1912	112	192	60	10	42	1
Progeny PGY8116SS	116	192	61	10	41	2
Mission Seed A1457VT2P	114	192	61	9	32	1
DeKalb DKC63-57RIB	113	191	60	9	39	2
NuTech 5FB-1111AM	111	190	60	9	36	3
Seed Consultants SCS 1188AM	118	190	62	10	44	3
NuTech 5FB-9909AM	109	190	58	10	38	2

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

Cecilia, KY

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	GLS‡ (0-10)
Stewart 16DP310	116	190	60	10	36	2
Croplan CP 4997 VT2P	109	189	59	10	41	2
Armor A1118	111	188	60	10	40	1
Progeny EXP1808	108	187	58	9	37	3
AgriGold A638-44DGVT2PRO	108	187	60	10	39	2
NuTech 78A1YHR	118	187	62	10	36	1
Stewart 15DP519	115	185	60	10	41	1
Pioneer hybrid P1138YHR	111	185	60	10	39	3
NuTech 5FB-2213AM	113	185	61	10	37	1
LG Seeds LG62C02VT2RIB	112	184	60	9	37	2
LG Seeds LG5650VT2RIB	115	184	62	10	40	1
Mycogen 2098YHR	110	184	59	10	41	2
Pioneer hybrid P1442YHR	114	183	62	10	34	2
NuTech 5FB-7215AM	115	182	60	10	38	2
Pioneer hybrid P1197YHR	111	181	59	9	34	2
Mission Seed A1857VT2P	118	181	61	9	41	2
Pioneer hybrid P1847VYHR	118	181	60	10	39	3
Croplan CP 5340 VT2P	113	180	60	10	39	1
Mission Seed MEX1159VT2P	115	180	59	9	36	3
Dyna-Gro D57VC51	117	178	60	9	36	2
Mycogen 2499AM	114	177	60	10	39	2
Seed Consultants SCS 1158YHR	115	175	59	10	36	2
NuTech 5LB-6313AMXT	111	175	59	10	36	2
Mission Seed MEX1668SS	116	174	59	10	34	3
LG Seeds LG62C35VT2Pro	112	174	60	9	41	1
Armor X9116	116	174	60	10	34	3
Augusta A4559	109	173	56	9	35	3
Augusta A1367	117	172	58	11	41	1
Augusta A9967	117	171	57	10	41	2
AgriGold A644-32TRCRIB	114	168	61	9	35	1
Croplan CP 5678 VT2P	116	165	61	9	34	3
Progeny PGY7111VT2P	111	164	59	9	30	2
Mission Seed MEX1749VT2P	117	162	60	9	30	1
Mycogen 2397AM	113	160	60	9	32	2
Progeny PGY9117VT2P	117	160	60	10	38	3
Mission Seed MEX1519VT2P	115	136	62	9	31	2
Grand Mean		193	60	10	39	2

Planted: April 29, 2019; Harvested: September 17, 2019

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, GLS: Grey Leaf Spot *Cercospora zeae-maydis*

Wheat Tech Agronomy
Kentucky Average Corn Hybrid Performance Test Results

LC, CaC, WC, and CC

Brand/Hybrid	RM#	Yield (BU/A)	TW# (LB/BU)	Plant HT# (FT)	Ear HT (IN)	NCLB# (0-10)
Dyna-Gro D55VC80	115	252.7	58.4	9.4	51	2
DeKalb DKC70-27RIB	120	252.3	58.3	9.5	50	1
NuTech 78A1YHR	118	251.6	60.4	9.7	51	7
Pioneer hybrid P1464VYHR	114	250.9	59.3	9.3	53	6
Channel 215-60TRERIB	115	250.1	57.6	9.5	51	2
LG Seeds LG5643VT2RIB	114	250.1	58.0	9.3	49	2
DeKalb DKC67-44RIB	117	249.1	59.6	9.2	50	1
Stewart 15DP519	115	248.9	58.6	9.5	50	2
Pioneer hybrid P1847VYHR	118	248.7	58.8	10.0	50	2
AgriGold A6572VT2RIB	114	246.1	60.5	9.4	53	2
AgriGold A6544VT2RIB	113	246.0	58.0	9.1	48	3
Mycogen 26BHR30	116	245.2	60.4	9.6	48	5
Croplan CP 5678 VT2P	116	244.9	59.9	9.3	46	3
Mycogen 25BHR80	115	244.7	60.0	9.3	49	4
DeKalb DKC63-57RIB	113	244.6	59.5	9.0	50	2
Armor A1447	114	243.3	60.0	8.8	46	5
LG Seeds LG5650VT2RIB	115	242.6	60.6	9.3	52	2
DeKalb DKC62-53RIB	112	242.5	58.5	9.0	46	3
Mission Seed A1857VT2P	118	242.3	59.7	9.1	49	1
Stewart 09DD140	109	241.7	56.4	9.0	50	4
Channel 209-15VT2PRIB	109	241.6	58.5	9.2	48	2
Dyna-Gro D53VC33	113	241.5	58.6	9.7	50	3
Channel 218-44VT2PRIB	118	241.2	58.3	9.6	51	3
Armor A1118	111	241.1	58.6	9.3	46	4
Mission Seed A1457VT2P	114	241.0	60.1	9.0	45	4
Stewart 16DP310	116	240.9	59.2	9.1	48	3
DeKalb DKC64-35RIB	114	240.8	59.6	9.4	49	1
Croplan CP 5073 SS	110	240.7	58.3	9.0	49	4
DeKalb DKC65-95RIB	115	240.6	59.7	9.2	50	1
Stewart 13DD360	113	240.6	57.6	9.1	48	2
Seed Consultants SC-EX115YHR	117	240.5	60.2	9.1	48	6
AgriGold A644-32TRCRIB	114	240.5	58.7	9.3	51	1
Croplan CP 5340 VT2P	113	240.2	59.3	9.0	47	4
Progeny PGY5115VT2P	115	239.7	58.3	9.3	46	5
Stewart 14DD339	114	239.6	58.2	9.6	51	3
Armor A1299	112	239.6	58.9	9.6	49	4
Dyna-Gro D57VC51	117	239.3	59.2	9.2	48	4
Progeny PGY9117VT2P	117	238.7	59.3	9.2	48	3
Progeny PGY9114VT2P	114	238.6	60.0	9.1	47	2
Dyna-Gro D54VC14	114	238.3	60.2	9.0	47	4
Mission Seed MEX1519VT2P	115	238.0	61.4	9.2	51	5
Stewart 17DP387	117	237.8	59.7	9.5	52	3
Mission Seed MEX1668SS	116	237.5	57.9	8.8	45	1
NuTech 75G1AM	115	237.4	60.3	9.4	49	4
Dyna-Gro D57VC17	117	237.4	59.7	9.1	50	2
Progeny EXP1912	112	237.3	58.5	9.8	50	5
Progeny PGY8116SS	116	236.9	60.1	9.4	52	2
Seed Consultants SCS 1188AM	118	236.7	59.2	9.8	53	6
Dyna-Gro D50VC30	110	236.6	59.1	9.2	50	2
Armor X9116	116	235.8	58.1	9.3	49	5
Stewart 09DP409	109	235.6	57.4	8.8	45	3

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

LC, CaC, WC, and CC

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	NCLB‡ (0-10)
Dyna-Gro D58VC37	118	235.5	58.6	9.2	48	4
Pioneer hybrid P1870YHR	118	234.5	59.8	9.7	49	3
AgriGold A647-90VT2RIB	117	234.0	59.2	9.6	50	3
Augusta A9967	117	234.0	54.9	9.8	53	2
AgriGold A638-44DGVT2PRO	108	233.7	58.6	9.1	47	6
Mission Seed MEX1749VT2P	117	233.2	58.1	8.9	46	3
Seed Consultants SCS 1158YHR	115	232.8	58.9	9.3	48	4
AgriGold A647-46VT2PRO	117	232.5	59.6	9.1	50	1
Pioneer hybrid P1197YHR	111	232.4	58.7	9.1	45	2
LG Seeds LG62C02VT2RIB	112	232.4	59.5	9.3	45	8
Mission Seed A1548DGVT2P	115	232.3	58.0	9.0	48	1
Croplan CP 4997 VT2P	109	231.9	58.7	9.3	48	2
Mission Seed A1257VT2P	112	231.8	58.2	9.3	47	2
LG Seeds LG64C30TRCRIB	114	231.5	58.8	9.4	50	1
Augusta A4565	115	230.5	57.5	9.9	52	3
Channel 217-76VT2PRIB	117	230.5	57.8	9.0	48	2
Progeny EXP1808	108	230.1	57.1	8.8	45	1
Stewart 8E623RIB	112	230.0	58.0	9.4	46	4
Mission Seed MEX1159VT2P	115	229.9	57.5	8.8	44	3
NuTech 5FB-7215AM	115	228.5	58.8	9.7	49	5
Mycogen 2358AM	113	228.2	57.0	9.5	49	1
NuTech 5FB-9909AM	109	228.2	58.5	9.2	48	6
Mycogen 2499AM	114	227.4	58.8	9.6	48	4
Augusta A1367	117	227.3	56.6	10.2	49	6
Mycogen MY14H95RA	114	227.3	55.2	9.8	50	2
NuTech 5FB-2213AM	113	227.2	60.6	9.0	48	4
Progeny PGY7111VT2P	111	226.7	56.9	9.2	46	3
LG Seeds LG62C35VT2Pro	112	226.5	58.7	9.1	50	3
Mycogen 2397AM	113	224.9	60.3	9.0	48	4
NuTech 5LB-6313AMXT	111	224.7	58.0	9.6	49	2
Augusta A4559	109	222.6	54.7	9.1	46	5
Pioneer hybrid P1442YHR	114	220.7	59.5	9.7	48	5
NuTech 5FB-1111AM	111	219.9	60.2	8.7	46	4
Pioneer hybrid P1138YHR	111	216.6	59.9	9.1	48	4
Augusta A1059	109	216.4	56.6	9.0	47	1
Mycogen 2098YHR	110	214.2	58.5	9.1	48	7
Grand Mean		236.4	58.7	9.3	48	3

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*
NCLB ratings were taken on August 19, 2019 from only Caldwell on a 0-10 scale where 10 equals high pressure and 0 equals none.
Data does not include HC-KY due to unreliability

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)
Stewart 09DD140	109	241.7	56.4	9.0	50	4
Channel 209-15VT2PRIB	109	241.6	58.5	9.2	48	2
Armor A1118	111	241.1	58.6	9.3	46	4
Croplan CP 5073 SS	110	240.7	58.3	9.0	49	4
Dyna-Gro D50VC30	110	236.6	59.1	9.2	50	2
Stewart 09DP409	109	235.6	57.4	8.8	45	3
AgriGold A638-44DGVT2PRO	108	233.7	58.6	9.1	47	6
Pioneer hybrid P1197YHR	111	232.4	58.7	9.1	45	2
Croplan CP 4997 VT2P	109	231.9	58.7	9.3	48	2
Progeny EXP1808	108	230.1	57.1	8.8	45	1
NuTech 5FB-9909AM	109	228.2	58.5	9.2	48	6
Progeny PGY7111VT2P	111	226.7	56.9	9.2	46	3
NuTech 5LB-6313AMXT	111	224.7	58.0	9.6	49	2
Augusta A4559	109	222.6	54.7	9.1	46	5
NuTech 5FB-1111AM	111	219.9	60.2	8.7	46	4
Pioneer hybrid P1138YHR	111	216.6	59.9	9.1	48	4
Augusta A1059	109	216.4	56.6	9.0	47	1
Mycogen 2098YHR	110	214.2	58.5	9.1	48	7
Grand Mean		229.7	58.0	9.1	47	3

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*

NCLB ratings were taken on August 19, 2019 from only Caldwell on a 0-10 scale where 10 equals high pressure and 0 equals none.

Data does not include HC-KY due to unreliability

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)
Pioneer hybrid P1464VYHR	114	250.9	59.3	9.3	53	6
LG Seeds LG5643VT2RIB	114	250.1	58.0	9.3	49	2
AgriGold A6572VT2RIB	114	246.1	60.5	9.4	53	2
AgriGold A6544VT2RIB	113	246.0	58.0	9.1	48	3
DeKalb DKC63-57RIB	113	244.6	59.5	9.0	50	2
Armor A1447	114	243.3	60.0	8.8	46	5
DeKalb DKC62-53RIB	112	242.5	58.5	9.0	46	3
Dyna-Gro D53VC33	113	241.5	58.6	9.7	50	3
Mission Seed A1457VT2P	114	241.0	60.1	9.0	45	4
DeKalb DKC64-35RIB	114	240.8	59.6	9.4	49	1
Stewart 13DD360	113	240.6	57.6	9.1	48	2
AgriGold A644-32TRCRIB	114	240.5	58.7	9.3	51	1
Croplan CP 5340 VT2P	113	240.2	59.3	9.0	47	4
Stewart 14DD339	114	239.6	58.2	9.6	51	3
Armor A1299	112	239.6	58.9	9.6	49	4
Progeny PGY9114VT2P	114	238.6	60.0	9.1	47	2
Dyna-Gro D54VC14	114	238.3	60.2	9.0	47	4
Progeny EXP1912	112	237.3	58.5	9.8	50	5
LG Seeds LG62C02VT2RIB	112	232.4	59.5	9.3	45	8
Mission Seed A1257VT2P	112	231.8	58.2	9.3	47	2
LG Seeds LG64C30TRCRIB	114	231.5	58.8	9.4	50	1
Stewart 8E623RIB	112	230.0	58.0	9.4	46	4
Mycogen 2358AM	113	228.2	57.0	9.5	49	1
Mycogen 2499AM	114	227.4	58.8	9.6	48	4
Mycogen MY14H95RA	114	227.3	55.2	9.8	50	2
NuTech 5FB-2213AM	113	227.2	60.6	9.0	48	4
LG Seeds LG62C35VT2Pro	112	226.5	58.7	9.1	50	3
Mycogen 2397AM	113	224.9	60.3	9.0	48	4
Pioneer hybrid P1442YHR	114	220.7	59.5	9.7	48	5
Grand Mean		236.9	58.9	9.3	48	3

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*

NCLB ratings were taken on August 19, 2019 from only Caldwell on a 0-10 scale where 10 equals high pressure and 0 equals none.

Data does not include HC-KY due to unreliability

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)
Dyna-Gro D55VC80	115	252.7	58.4	9.4	51	2
DeKalb DKC70-27RIB	120	252.3	58.3	9.5	50	1
NuTech 78A1YHR	118	251.6	60.4	9.7	51	7
Channel 215-60TRERIB	115	250.1	57.6	9.5	51	2
DeKalb DKC67-44RIB	117	249.1	59.6	9.2	50	1
Stewart 15DP519	115	248.9	58.6	9.5	50	2
Pioneer hybrid P1847VYHR	118	248.7	58.8	10.0	50	2
Mycogen 26BHR30	116	245.2	60.4	9.6	48	5
Croplan CP 5678 VT2P	116	244.9	59.9	9.3	46	3
Mycogen 25BHR80	115	244.7	60.0	9.3	49	4
LG Seeds LG5650VT2RIB	115	242.6	60.6	9.3	52	2
Mission Seed A1857VT2P	118	242.3	59.7	9.1	49	1
Channel 218-44VT2PRIB	118	241.2	58.3	9.6	51	3
Stewart 16DP310	116	240.9	59.2	9.1	48	3
DeKalb DKC65-95RIB	115	240.6	59.7	9.2	50	1
Seed Consultants SC-EX115YHR	117	240.5	60.2	9.1	48	6
Progeny PGY5115VT2P	115	239.7	58.3	9.3	46	5
Dyna-Gro D57VC51	117	239.3	59.2	9.2	48	4
Progeny PGY9117VT2P	117	238.7	59.3	9.2	48	3
Mission Seed MEX1519VT2P	115	238.0	61.4	9.2	51	5
Stewart 17DP387	117	237.8	59.7	9.5	52	3
Mission Seed MEX1668SS	116	237.5	57.9	8.8	45	1
NuTech 75G1AM	115	237.4	60.3	9.4	49	4
Dyna-Gro D57VC17	117	237.4	59.7	9.1	50	2
Progeny PGY8116SS	116	236.9	60.1	9.4	52	2
Seed Consultants SCS 1188AM	118	236.7	59.2	9.8	53	6
Armor X9116	116	235.8	58.1	9.3	49	5
Dyna-Gro D58VC37	118	235.5	58.6	9.2	48	4
Pioneer hybrid P1870YHR	118	234.5	59.8	9.7	49	3
AgriGold A647-90VT2RIB	117	234.0	59.2	9.6	50	3
Augusta A9967	117	234.0	54.9	9.8	53	2
Mission Seed MEX1749VT2P	117	233.2	58.1	8.9	46	3
Seed Consultants SCS 1158YHR	115	232.8	58.9	9.3	48	4
AgriGold A647-46VT2PRO	117	232.5	59.6	9.1	50	1
Mission Seed A1548DGV2P	115	232.3	58.0	9.0	48	1
Augusta A4565	115	230.5	57.5	9.9	52	3
Channel 217-76VT2PRIB	117	230.5	57.8	9.0	48	2
Mission Seed MEX1159VT2P	115	229.9	57.5	8.8	44	3
NuTech 5FB-7215AM	115	228.5	58.8	9.7	49	5
Augusta A1367	117	227.3	56.6	10.2	49	6
Grand Mean		239.2	58.9	9.4	49	3

‡Abbreviations: RM: Relative Maturity, TW: Test Weight, HT: Height, NCLB: Northern Corn Leaf Blight

Setosphaeria turcica

NCLB ratings were taken on August 19, 2019 from only Caldwell on a 0-10 scale where 10 equals high pressure and 0 equals none. Data does not include HC-KY due to unreliability

Wheat Tech Agronomy
Five Location Average Corn Hybrid Performance Test Results

WC-KY, CaC-KY, CC-KY, LC-KY, and MO

Brand/Hybrid	RM‡	Yield (BU/A)	TW‡ (LB/BU)	Plant HT‡ (FT)	Ear HT (IN)	SR‡ (0-10)	NCLB‡ (0-10)	GS‡ (%)	R-LOD‡ (%)
Dyna-Gro D55VC80	115	249.8	58.2	9.3	51	0	2	4	1
NuTech 78A1YHR	118	249.0	59.8	9.6	50	2	7	9	3
LG Seeds LG5643VT2RIB	114	248.1	57.7	9.2	49	2	2	11	0
AgriGold A6544VT2RIB	113	244.8	57.7	9.1	48	1	3	8	6
AgriGold A6572VT2RIB	114	243.5	60.4	9.3	52	0	2	3	6
Armor A1447	114	243.4	59.7	8.9	47	0	5	18	6
Channel 218-44VT2PRIB	118	240.7	57.8	9.5	51	1	3	0	0
LG Seeds LG5650VT2RIB	115	240.4	60.5	9.2	51	1	2	5	5
Dyna-Gro D54VC14	114	238.5	59.7	9.0	47	2	4	19	15
Channel 209-15VT2PRIB	109	237.4	58.1	9.1	48	2	2	5	0
AgriGold A644-32TRCRIB	114	236.9	58.5	9.3	51	1	1	20	0
Progeny PGY9117VT2P	117	236.3	59.3	9.0	47	2	3	13	0
Progeny PGY9114VT2P	114	235.6	59.7	9.2	51	2	2	13	5
Dyna-Gro D53VC33	113	235.4	58.3	9.7	50	4	3	20	0
Armor A1118	111	234.9	58.3	9.2	46	2	4	15	0
Dyna-Gro D57VC17	117	233.7	59.4	9.0	50	1	2	10	0
NuTech 75G1AM	115	233.4	59.9	9.3	50	1	4	6	9
Progeny PGY5115VT2P	115	233.3	57.9	9.2	46	2	5	23	1
Armor X9116	116	233.2	57.6	9.1	49	1	5	23	4
Progeny EXP1912	112	233.1	58.2	9.6	50	4	5	18	3
Dyna-Gro D58VC37	118	233.0	58.1	9.0	48	2	4	46	5
Dyna-Gro D50VC30	110	232.3	58.7	9.1	50	2	2	5	1
Armor A1299	112	231.3	58.6	9.4	49	2	4	19	0
LG Seeds LG64C30TRCRIB	114	231.0	58.5	9.3	50	2	1	10	5
LG Seeds LG62C02VT2RIB	112	230.6	59.1	9.2	45	3	8	6	0
Dyna-Gro D57VC51	117	230.4	58.7	9.1	48	1	4	38	0
Progeny EXP1808	108	229.5	56.7	8.8	45	1	1	3	0
Augusta A9967	117	229.5	54.5	9.6	51	0	2	5	6
Augusta A4565	115	227.9	57.0	9.8	52	3	3	4	4
NuTech 5FB-7215AM	115	227.7	58.5	9.6	49	2	5	11	0
AgriGold A647-46VT2PRO	117	227.3	59.3	9.0	50	2	1	28	0
LG Seeds LG62C35VT2Pro	112	226.8	58.3	9.0	50	0	3	1	18
Augusta A1367	117	226.5	55.9	10.0	50	1	6	15	0
Progeny PGY8116SS	116	226.2	57.2	9.1	47	1	2	16	0
NuTech 5FB-9909AM	109	223.8	58.3	9.1	48	4	6	18	3
NuTech 5FB-2213AM	113	222.6	60.3	9.0	48	1	4	4	8
NuTech 5LB-6313AMXT	111	219.3	57.5	9.5	49	1	2	6	13
Augusta A4559	109	217.8	54.5	9.1	46	4	5	13	0
NuTech 5FB-1111AM	111	215.6	59.9	8.6	46	2	4	3	0
Augusta A1059	109	213.3	56.4	9.0	47	1	1	4	6
Grand Mean		232.6	58.3	9.2	49	2	3	12	3

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

R-LOD: Root Lodging, NCLB: Northern Corn Leaf Blight *Setosphaeria turcica*

SR, GS, and R-LOD ratings were taken from MO and NCLB ratings from Caldwell on a 0-10 scale where 10 equals extreme pressure and 0 equals none.

Wheat Tech Agronomy
2019 Corn Hybrid Characteristics

Corn Hybrid Name	Traits	Herbicide Tolerance	Relative Maturity	Ear Flex	Seed Treatment
AgriGold A638-44DGV2PRO	VT2PRO, DG	RR	108	SD	Poncho 500 + Votivo
AgriGold A644-32TRCRIB	TRC	RR	114	SD	Poncho 500 + Votivo
AgriGold A647-46VT2PRO	VT2PRO	RR	117	SF	Poncho 500 + Votivo
AgriGold A647-90VT2RIB	VT2PRO	RR	117	SD	Poncho 500 + Votivo
AgriGold A6544VT2RIB	VT2PRO	RR	113	F	Poncho 500 + Votivo
AgriGold A6572VT2RIB	VT2PRO	RR	114	SF	Poncho 500 + Votivo
AgriGold A6659VT2RIB	VT2PRO	RR	116	F	Poncho 500 + Votivo
AgVenture AV3917YHB	HX1, YGCB	RR,LL	117	F	Poncho 1250 / Votivo
AgVenture AV4509YHB	HX1, YGCB, Vip	RR,LL	109	SF	Poncho 1250 / Votivo
AgVenture AV8113AM	AM	RR,LL	113	SF	Poncho 500 / Votivo
AgVenture AV8614YHB	HX1, YGCB	RR,LL	114	F	Poncho 500 / Votivo
AgVenture AV8915YHB	HX1, YGCB	RR,LL	115	F	Poncho 500 / Votivo
AgVenture AV9817YHB	HX1, YGCB	RR,LL	117	SF	Poncho 500 / Votivo
AgVenture RL8430YHB	HX1, YGCB	RR,LL	113	F	Poncho 500 / Votivo
AgVenture RL9583YHB	HX1, YGCB	RR,LL	118	SF	Poncho 500 / Votivo
Armor A1118	VT2P	RR	111	SF	A500
Armor A1299	VT2P	RR	112	SF	A500
Armor A1447	VT2P	RR	114	SD	A500
Armor X9116	VT2P	RR	116	SF	A500
Augusta A1059	3110GT	RR, LL	109	D	Cruiser 250
Augusta A1367	Duracade	RR, LL	117	SF	Cruiser 250
Augusta A4559	3010GT	RR, LL	109	SF	Cruiser 250
Augusta A4565	Duracade	RR, LL	115	D	Cruiser 250
Augusta A9967	3000GT	RR, LL	117	SF	Cruiser 250
Channel 209-15VT2PRIB	VT2	RR	109	SF	A250 + B300 + B360 + EDC + NS
Channel 215-60TRERIB	TRE	RR	115	SD	A250 + B300 + B360 + EDC + NS
Channel 217-76VT2PRIB	VT2	RR	117	SF	A250 + B300 + B360 + EDC + NS
Channel 218-44VT2PRIB	VT2	RR	118	SF	A250 + B300 + B360 + EDC + NS
Channel 219-77VT2P	VT2P	RR	119	SF	Acceleron 250
Croplan CP 4997 VT2P	VT2P	RR	109	SF	ACCELERON 250
Croplan CP 5073 SS	SS	RR,LL	110	SF	ACCELERON 500 W/ VOTIVO
Croplan CP 5340 VT2P	VT2P	RR	113	F	ACCELERON 250
Croplan CP 5678 VT2P	VT2P	RR	116	F	ACCELERON 250
DeKalb DKC62-53RIB	VT2PRIB	RR2	112	F	A250+B300+B360+NS
DeKalb DKC63-57RIB	VT2PRIB	RR2	113	F	A250+B300+B360+NS
DeKalb DKC64-35RIB	VT2PRIB	RR2	114	SF	A250+B300+B360+EDC+NS
DeKalb DKC65-95RIB	VT2PRIB	RR2	115	SD	A250+B300+B360+NS
DeKalb DKC67-44RIB	VT2PRIB	RR2	117	F	A250+B300+B360+NS
DeKalb DKC70-27RIB	VT2PRIB	RR2	120	SF	A250+B300+B360+EDC+NS

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

Wheat Tech Agronomy
2019 Corn Hybrid Characteristics - Continued

Corn Hybrid Name	Traits	Herbicide Tolerance	Relative Maturity	Ear Flex	Seed Treatment
Dyna-Gro D50VC30	VT2P	RR	110	SD	Acceleron 500
Dyna-Gro D53VC33	VT2P	RR	113	SF	Acceleron 500
Dyna-Gro D54VC14	VT2P	RR	114	SF	Acceleron 500
Dyna-Gro D55VC80	VT2P	RR	115	SF	Acceleron 500
Dyna-Gro D57VC17	VT2P	RR	117	SF	Acceleron 500
Dyna-Gro D57VC51	VT2P	RR	117	F	Acceleron 500
Dyna-Gro D58VC37	VT2P	RR	118	SF	Acceleron 500
LG Seeds LG5643VT2RIB	VT2	RR	114	SF	Poncho 500+Votivo
LG Seeds LG5650VT2RIB	VT2	RR	115	SF	Poncho 500+Votivo
LG Seeds LG62C02VT2RIB	VT2	RR	112	SF	Poncho 500+Votivo
LG Seeds LG62C35VT2Pro	VT2	RR	112	SF	Poncho 500+Votivo
LG Seeds LG64C30TRCRIB	Trecepta	RR	114	SF	Poncho 500+Votivo
Mission Seed A1257VT2P	VT2P	RR	112	F	Acceleron 250
Mission Seed A1457VT2P	VT2P	RR	114	F	Acceleron 250
Mission Seed A1548DGVT2P	VT2P	RR	115	F	Acceleron 250
Mission Seed A1857VT2P	VT2P	RR	118	SD	Acceleron 250
Mission Seed MEX1159VT2P	VT2P	RR	113	F	Acceleron 250
Mission Seed MEX1519VT2P	VT2P	RR	115	F	Acceleron 250
Mission Seed MEX1668SS	SS	RR	116	F	Acceleron 250
Mission Seed MEX1749VT2P	VT2P	RR	117	F	Acceleron 250
Mycogen MY14H95RA	PWRA	LL, GT	114	F	Lumigen (PV 500)
Mycogen 2098YHR	YHR	LL, GT	110	SF	Lumigen (PV 500)
Mycogen 2358AM	AM	LL, GT	113	SF	Lumigen (PV 1250)
Mycogen 2397YHR	YHR	LL, GT	113	SF	Lumigen (PV 1250)
Mycogen 2499YHR	YHR	LL, GT	114	SF	Lumigen (PV 1250)
Mycogen 25BHR80	YHR	LL, GT	115	SF	Lumigen (PV 1250)
Mycogen 26BHR30	YHR	LL, GT	116	TBD	Lumigen (PV 1250)
NuTech 5FB-1111AM	AM	RR,LL	111	SF	PONCHO 500 VOTIVO
NuTech 5FB-2213AM	AM	RR,LL	113	SF	PONCHO 500 VOTIVO
NuTech 5FB-7215AM	AM	RR,LL	115	SF	PONCHO 500 VOTIVO
NuTech 5FB-9909AM	AM	RR,LL	109	SF	PONCHO 500 VOTIVO
NuTech 5LB-6313AMXT	AM	RR,LL	111	SF	PONCHO 500 VOTIVO
NuTech 75G1AM	AM	RR,LL	115	SF	PONCHO 500 VOTIVO
NuTech 78A1 YHR	YHR	RR,LL	118	SF	PONCHO 500 VOTIVO
Pioneer hybrid P1138YHR	YGCB, HX1	RR2, LL	111	SF	PPST 1250
Pioneer hybrid P1197YHR	YGCB, HX1	RR2, LL	111	SF	PPST 1250
Pioneer hybrid P1442YHR	YGCB, HX1	RR2, LL	114	SF	PPST 1250
Pioneer hybrid P1464VYHR	YGCB, HX1, AVBL	RR2, LL	114	F	PPST 1250
Pioneer hybrid P1847VYHR	YGCB, HX1, AVBL	RR2, LL	118	F	PPST 1250
Pioneer hybrid P1870YHR	YGCB, HX1	RR2, LL	118	SF	PPST 1250

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

Wheat Tech Agronomy
2019 Corn Hybrid Characteristics - Continued

Corn Hybrid Name	Traits	Herbicide Tolerance	Relative Maturity	Ear Flex	Seed Treatment
Progeny EXP1808	VT2P	RR	108	SD/SF	A500, Votivo, EDC, B300
Progeny EXP1912	VT2P	RR	112	SD/SF	A500, Votivo, EDC, B300
Progeny PGY5115VT2P	VT2P	RR	115	D	A500, Votivo, EDC, B300
Progeny PGY7111VT2P	VT2P	RR	111	SF	A500, Votivo, EDC, B300
Progeny PGY8116SS	SS	RR, LL	116	SF	A500, Votivo, EDC, B300
Progeny PGY9114VT2P	VT2P	RR	114	SD/SF	A500, Votivo, EDC, B300
Progeny PGY9117VT2P	VT2P	RR	117	SF	A500, Votivo, EDC, B300
Seed Consultants SC-EX115YHR	YHR	RR, LL	117	SF	Poncho/VOTiVO
Seed Consultants SCS 1158YHR	Intrasect	RR, LL	115	SF	Poncho/VOTiVO
Seed Consultants SCS 1188AM	AM	RR, LL	118	SF	Poncho/VOTiVO
Stewart 09DD140	DGVT2Pro	RR	109	SF	Accelaron Elite
Stewart 09DP409	VT2Pro	RR	109	SD	Accelaron Elite
Stewart 13DD360	DGVT2Pro	RR	113	SF	Accelaron Elite
Stewart 14DD339	DGVT2Pro	RR	114	SF	Accelaron Elite
Stewart 15DP519	VT2Pro	RR	115	SF	Accelaron Elite
Stewart 16DP310	VT2Pro	RR	116	SF	Accelaron Elite
Stewart 17DP387	VT2Pro	RR	117	F	Accelaron Elite
Stewart 8E623RIB	VT2Pro	RR	112	SF	Accelaron Elite

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