

Virginia Corn Hybrid and Management Trials in 2020

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Companies Participating in the 2020 Corn Hybrid Trials

Company	Brand	Address
AgReliant Genetics	LG Seeds	1122 E 169 th Street, Westfield, IN 46074
Augusta Seed	Augusta Seed	PO Box 899, Verona, VA 24482
Bayer	DEKALB, Hubner	800 N Lindbergh Blvd., St Louis, MO 63167
Erwin-Keith, Inc.	Progeny Ag Products	1529 Hwy 193, Wynne, AR 72396
Local Seed Company	Local Seed	802 Rozelle Street, Memphis, TN 38104
Mid-Atlantic Seeds	Mid-Atlantic	204 St. Charles Way #163E, York, PA 17402
Nutrien Ag Solutions	Dyna-Gro	396 Washington Street, Boydton, VA 23917
Seed Consultants, Inc.	Seed Consultants	648 Miami Trace Rd, Washington Court House, OH 43160
SeedKoz	MorCorn	1725 Windward Concourse Suite 410, Alpharetta, GA 30005
Syngenta Seeds	NK Brand	4013 Fairmount Pike, Signal Mountain, TN 37377
Tidewater Seed LLC	Axis	29000 Information Lane Suite 302, Easton, MD 21601

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Introduction

Background Information

Performance trials of commercial corn hybrids were conducted at six locations in Virginia in 2020. The Mt. Holly location consisted of both an irrigated and non-irrigated test. All locations were planted with a Wintersteiger PlotKing 2600. All locations were harvested with a Massey-Ferguson 8XP plot combine. Yields have been adjusted to 15.5% moisture. Grain test weight, moisture, and plot grain weights were measured with a GrainGauge® manufactured by HarvestMaster. A list of companies participating in the trials is provided before the table of contents. All hybrids entered in the Virginia trials are those submitted by commercial companies. The locations at which particular hybrids were entered were specified by the company. Companies entering hybrids were charged a fee for each hybrid per location to support the Virginia Corn Hybrid and Management Trials.

Yield Differences

Experimental plots vary in yield and other measurements due to location in the field and other factors which cannot be controlled. Statistics given in the tables are intended to help the reader make valid comparisons between hybrids. The magnitude of differences which may have been due to uncontrollable variation has been computed for the data and listed at the bottom of columns as the LSD (.05) (least significant difference with 95% confidence). Differences less than the LSD are assumed not to be real differences with 95% confidence.

Understanding Relative Yield

Companies entering hybrids decide which hybrids are planted at which locations. Combining and comparing absolute yield and other results from multiple sites is inappropriate when not all hybrids are planted at all locations. For example, one hybrid might have an unfair advantage in such a comparison because it was tested only at sites with ideal growing conditions. Another hybrid tested at sites with less-than-ideal growing conditions would have yields that tended to be lower. In this example, it would be difficult to determine whether yield differences were because of differences in genetic yield potential or simply because of differences in the environmental conditions under which they were tested. The solution is to compare hybrids based on relative yields rather than absolute yields.

To calculate relative yield, the yield for each hybrid at each site is divided by the average yield for all hybrids tested at that same site and multiplied by 100. Once each hybrid at each site has been assigned a relative yield, comparisons can be made between hybrids tested at the same site or different sites. For hybrids tested at multiple sites, we can also calculate a multi-site relative yield average.

Relative yields of 100 indicate hybrids that were average performers. Relative yields greater than 100 indicate yields above-average. Relative yields less than 100 indicate yields below-average. The magnitude of the relative yield numbers indicates how far above or below average a hybrid performed. For example, a hybrid with a relative yield of 110 yielded 10% of above the average yield for all hybrids at that site.

Choice of Hybrids

When making hybrid selections it is important to realize that hybrids differ in their performance in different environments. Some hybrids are more adapted to a wide range of environments. Hybrid performance may vary with year and location variations in rainfall, temperature, pests and other environmental variables. In these experiments, many hybrids have essentially the same yield, and great care should be taken in interpreting the results of a single year's tests, especially at only one location. For these reasons it is important, whenever possible, to also look at a hybrid's average across locations when making hybrid selections. Multi-year averages give even greater confidence to hybrid performance decisions. The relative yield tables compare the yield of a

hybrid to the average yield of all hybrids in the test. These tables are an excellent summary of yield potential compared to other hybrids.

2020 Virginia Corn Hybrid Plot Information (Rates are on a per acre basis.)

Blacksburg Kentland Farm

Planted: April 29, 2020 no-till
Harvested: October 8, 2020
Population: 23,217 plants/acre
Pesticide: 2 qt glyphosate; 1 pt atrazine 4L + 3 qt Acuron®; 5 lb Force® 3G at planting
Fertilizer: 40-100-60; 17 gal 15-15-0-2S-.13B-.25Zn at planting; 160 lb N as UAN side-dressed May 28, 2020
Plot Size: 2 rows 25' x 30" 4 replications
Previous crop: Corn
Soil Type: Hayter loam
Cooperator: Brooks Saville

Blackstone Southern Piedmont Agricultural Research & Extension Center

Planted: April 17, 2020 conventional tillage
Harvested: September 1-2, 2020
Population: 25,688 plants/acre
Pesticide: 1 pt Brawl II ATZ™ + 1 qt atrazine April 17, 2020
Fertilizer: 1000 lb 10-10-10 preplant incorporated April 10, 2020; 17 gal 15-15-0-2S-.13B-.25Zn at planting; 80 lb N top-dressed using UAN May 21, 2020
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Appling sandy loam
Cooperator: Ned Jones

Holland Tidewater Agricultural Research & Extension Center

Planted: April 9, 2020 no-till
Harvested: September 1-2, 2020
Population: 25,613 plants/acre
Pesticide: 1 qt glyphosate + 1 pt 2,4-D + 1 qt Liberty March 28, 2020; 4 pt Bicep® + 2 pt Simazine April 17, 2020
Fertilizer: 426 lb 14-9-18 April 3, 2020; 17 gal 15-15-0-2S-.13B-.25Zn at planting; 60 gal 24-0-0-3 side-dressed May 26, 2020
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Emporia, Nansemond
Cooperator: Karl Jones

Mt Holly (dryland) Virginia Crop Improvement Association Foundation Seed Farm

Planted: April 16, 2020 no-till into soybean stubble
Harvested: September 15-16, 2020
Population: 27,312 plants/acre
Pesticide: 1.5 qt Acuron® + 1.5 qt Princep® preplant; 5 lb Force® 3G at planting; 1.5 qt Acuron® + 4 oz dicamba post-plant
Fertilizer: 60-40-60 pre-plant incorporated; 17 gal 15-15-0-2S-.13B-.25Zn at planting; 40 lb N with black label zinc first shot then 80 lb with black label zinc + 2 oz Radiate® second shot
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Nansemond, Lumbee, State
Previous crop: Soybeans
Cooperator: Phillip Browning

Mt Holly (irrigated) Virginia Crop Improvement Association Foundation Seed Farm

Planted: April 16, 2020 no-till into soybean stubble
Harvested: abandoned due to exceptionally erratic stand
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: State fine sandy loam
Previous crop: Soybeans
Cooperator: Phillip Browning

Orange Northern Piedmont Center

Planted: April 22, 2020 no-till into soybean stubble
Harvested: September 23, 2020
Pesticide: 1.5 qt Acuron® + 2 qt glyphosate + 1 pt atrazine April 17, 2020; 5 lb Force® 3G at planting
Fertilizer: 40-100-60 April 21, 2020; 70 lb N June 15, 2020

Population: 24,626 plants/acre
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Davidson clay
Previous crop: Soybeans
Cooperators: Greg Lillard

Shenandoah Valley (Thanks to Michael Thompson and Roundhill Poultry, LLC)

Planted: May 15, 2020 no-till into killed cover
Harvested: October 22, 2020
Population: 26,360 plants/acre
Pesticide: 1 lb atrazine 90DF + 1 lb simazine 90DF + 1.25 qt glyphosate preplant; 5 lb Force® 3G at planting; .75 lb atrazine 90DF over the top
Fertilizer: 3 tons turkey litter preplant; 17 gal 15-15-0-2S-.13B-.25Zn at planting; 65 lb N topdressed
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Frederick and Lodi silt loam
Previous crop: Soybeans
Cooperators: Doug Horn and Michael Thompson

Table 1. List of hybrids in the 2020 Virginia Corn Hybrid & Management Trials

Brand	Hybrid	DTM per Co.¹	Insecticide	Genetics
Augusta	A1258	108	CruiserMaxx® 250	Agrisure Viptera 3220 E-Z Refuge
Augusta	A1059	109	CruiserMaxx® 250	Agrisure Viptera 3330 E-Z Refuge
Augusta	A1060	110	CruiserMaxx® 250	Agrisure Viptera 3330 E-Z Refuge
Augusta	A7162	112	CruiserMaxx® 1250	VT Double PRO
Augusta	A4463	113	CruiserMaxx® 1250	VT Double PRO
Augusta	A1065	115	Poncho® 250	VT Double PRO
Augusta	A7168	118	CruiserMaxx® 250	VT Double PRO
AXIS	59A25	109	Poncho® 250	VT Double PRO RIB Complete
AXIS	63H27	113	Poncho® 250	VT Double PRO RIB Complete
AXIS	65T29	115	Poncho® 250	VT Double PRO
DEKALB	DKC59-82RIB	109	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC61-41RIB	111	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC62-53RIB	112	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC63-91RIB	113	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC64-64RIB	114	Acceleron® 500	SmartStax RIB Complete
DEKALB	DKC65-95RIB	115	Acceleron® 500	VT Double PRO RIB Complete

DEKALB	DKC65-99RIB	115	Acceleron® 500	Trecepta RIB Complete
DEKALB	DKC66-18RIB	116	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC67-44RIB	117	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC68-69RIB	118	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC69-99RIB	119	Acceleron® 500	VT Double PRO RIB Complete
DEKALB	DKC70-27RIB	120	Acceleron® 500	VT Double PRO RIB Complete
Dyna-Gro	D52DC82	112	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO
Dyna-Gro	D54VC14	114	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO
Dyna-Gro	D54VC34	114	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO
Dyna-Gro	D55VC80	115	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO
Hubner Seed	H09G056	109	Poncho® 500/VOTiVO®	Drought Gard Double PRO RIB
Hubner Seed	H4563RC2P	111	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
Hubner Seed	H4692RC2P	112	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
Hubner Seed	H4663RC2P	113	Poncho® 250/VOTiVO®	VT Double PRO RIB Complete
Hubner Seed	H4763RC2P	115	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
Hubner Seed	H4828RC2P	116	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
Hubner Seed	H4890RC2P	117	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
LG Seeds	LG59C72VT2RIB	109	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete

LG Seeds	LG62C35VT2RIB	112	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
LG Seeds	LG5643VT2RIB	114	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
LG Seeds	LG66C32VT2RIB	116	Poncho® 500/VOTiVO®	VT Double PRO RIB Complete
Local Seed	LC0999 VT2P	109	Radius 500	VT Double PRO RIB Complete
Local Seed	LC1289 VT2P	112	Radius 500	VT Double PRO RIB Complete
Local Seed	LC1398 VT2P	113	Radius 500	VT Double PRO RIB Complete
Local Seed	LC1488 VT2P	114	Radius 500	VT Double PRO RIB Complete
Local Seed	LC1497 DGVT2P	114	Radius 500	VT Double PRO RIB Complete
Local Seed	LCX14-20 VT2P	114	Radius 500	VT Double PRO RIB Complete
Local Seed	LC1577 VT2P	115	Radius 500	VT Double PRO RIB Complete
Local Seed	LC1697 VT2P	116	Radius 500	VT Double PRO RIB Complete
Local Seed	LC1898 TC	118	Radius 500	Trecepta
Mid-Atlantic	MA8091VT2PRIB	107	Acceleron® 250	VT Double PRO RIB Complete
Mid-Atlantic	MA8106VT2P	110	Acceleron® 250	VT Double PRO
Mid-Atlantic	MA8117TRE	111	Acceleron® 250	Trecepta
Mid-Atlantic	MA8128VT2PRIB	112	Acceleron® 250	VT Double PRO RIB Complete
Mid-Atlantic	MA8141DGVT2P	114	Acceleron® 250	VT Double PRO
Mid-Atlantic	MA5155GT3VIP	115	Acceleron® 250	Agrisure Viptera 3111
Mid-Atlantic	MA8158SS	115	Acceleron® 250	SmartStax
MorCorn	MC 3952	109	Poncho® 1250/VOTiVO®	VT Double PRO

MorCorn	MC 4255	112	Poncho® 1250/VOTiVO®	VT Double PRO
MorCorn	MC 4319	113	Poncho® 1250/VOTiVO®	VT Double PRO
MorCorn	MC 4670	116	Poncho® 1250/VOTiVO®	Trecepta
MorCorn	MC 4725	117	Poncho® 1250/VOTiVO®	VT Double PRO
NK Brand	NK1082-5222	110	Acceleron® 500 + Vibrance	Agrisure Duracade 5222 E-Z Refuge
NK Brand	NK1239-5122	112	CruiserMaxx® 250	Agrisure Duracade 5122 E-Z Refuge
NK Brand	NK1677-3110	116	Acceleron® 1250 + Vibrance	Agrisure Viptera 3110
NK Brand	NK1748-3110	117	Acceleron® 1250 + Vibrance	Agrisure Viptera 3110
Progeny	PGY 2012VT2P	112	Poncho® 500/VOTiVO®500 EDC/B360	VT Double PRO
Progeny	PGY EXP1913	113	Poncho® 500/VOTiVO®500 EDC/B360	VT Double PRO
Progeny	PGY 9114VT2P	114	Poncho® 500/VOTiVO®500 EDC/B360	VT Double PRO
Progeny	PGY 2025DG	115	Poncho® 500/VOTiVO®500 EDC/B360	VT Double PRO DroughtGuard
Progeny	PGY 2015VT2P	115	Poncho® 500/VOTiVO®500 EDC/B360	VT Double PRO
Progeny	PGY 8116SS	116	Poncho® 500/VOTiVO®500 EDC/B360	SmartStax
Progeny	PGY 9117VT2P	117	Poncho® 500/VOTiVO®500 EDC/B360	VT Double PRO
Seed Consultants	SCS 1091AM™	109	Poncho® 500/VOTiVO®	AcreMax
Seed Consultants	SCS 1121AM™	112	Poncho® 1250/VOTiVO®	AcreMax
Seed Consultants	SCS 1141AM™	114	Poncho® 1250/VOTiVO®	AcreMax
Seed Consultants	SCS 1158AM™	115	Poncho® 500/VOTiVO®	AcreMax
Seed Consultants	SCS 1168AM™	116	Poncho® 1250/VOTiVO®	AcreMax

Seed Consultants	SCS 1170AM™	117	Poncho® 1250/VOTiVO®	AcreMax
Seed Consultants	SCS 1160YHR™	117	Poncho® 1250/VOTiVO®	AcreMax
Seed Consultants	SCS 1188AM™	118	Poncho® 500/VOTiVO®	AcreMax

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

The Handy Bt Trait Table for U.S. corn production, updated February 2020 (thanks to Chris DiFonzo, Michigan State University, difonzo@msu.edu)

Trait packages in alphabetical order (acronym that may be used)	Bt protein(s) in the trait package	Marketed for control of:												Resistance confirmed to the combination of Bts in package (check local situation)	Herbicide trait			Non-Bt Refuge % (cornbelt)
		B	C	E	F	S	S	T	W						G	L	E	
		C	E	C	A	S	C	W	A	B	C	R			R	L	E	
AcreMax (AM)	Cry1Ab Cry1F	x	x	x	x	x	x	x					CEW FAW WBC	x	x			5% in bag
AcreMax CRW (AMRW)	Cry34/35Ab1											x	NCR WCR	x	x			10% in bag
AcreMax1 (AM1)	Cry1F Cry34/35Ab1	x		x	x	x	x	x				x	ECB FAW SWB WBC NCR WCR	x	x			10% in bag 20% ECB
AcreMax Leptra (AML)	Cry1Ab Cry1F Vip3A	x	x	x	x	x	x	x	x	x				x	x			5% in bag
AcreMax TRIssect (AMT)	Cry1Ab Cry1F mCry3A	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x			10% in bag
AcreMax Xtra (AMX)	Cry1Ab Cry1F Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW FAW WBC NCR WCR	x	x			10% in bag
AcreMax Xtreme (AMXT)	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x			5% in bag
Agrisure 3010 (BR)	Cry1Ab		x	x			x	x					CEW	x	x			20%
Agrisure 3000GT & 3011A	Cry1Ab mCry3A		x	x			x	x				x	CEW WCR	x	x			20%
Agrisure Viptera 3110 (VR)	Cry1Ab Vip3A	x	x	x	x	x	x	x	x	x				x	x			20%
Agrisure Viptera 3111 (A4)	Cry1Ab Vip3A mCry3A	x	x	x	x	x	x	x	x	x	x		WCR	x	x			20%
Agrisure 3120 E-Z Refuge (BZ)	Cry1Ab Cry1F	x	x	x	x	x	x	x					CEW FAW WBC	x				5% in bag
Agrisure 3122 E-Z Refuge	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x				5% in bag
Agrisure Viptera 3220 E-Z (VZ)	Cry1Ab Cry1F Vip3A	x	x	x	x	x	x	x	x	x				x				5% in bag
Agrisure Viptera 3330 E-Z	Cry1Ab Vip3A Cry1A.105/Cry2Ab2	x	x	x	x	x	x	x	x	x				x				5% in bag
Agrisure Duracade 5122 E-Z (D1)	Cry1Ab Cry1F mCry3A eCry3.1Ab	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x				5% in bag
Agrisure Duracade 5222 E-Z (D2)	Cry1Ab Cry1F Vip3A mCry3A eCry3.1Ab	x	x	x	x	x	x	x	x	x			WCR	x				5% in bag
Herculex I (HXI)	Cry1F	x		x	x	x	x	x					ECB FAW SWB WBC	x	x			20%
Herculex RW (HXRW)	Cry34/35Ab1											x	NCR WCR	x	x			20%
Herculex XTRA (HXX)	Cry1F Cry34/35Ab1	x		x	x	x	x	x				x	ECB FAW SWB WBC NCR WCR	x	x			20%
Intrasect (YHR)	Cry1Ab Cry1F	x	x	x	x	x	x	x					CEW FAW WBC	x	x			5%
Intrasect TRIssect (CYHR)	Cry1Ab Cry1F mCry3A	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x			20%
Intrasect Xtra (YXR)	Cry1Ab Cry1F Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW FAW WBC NCR WCR	x	x			20%
Intrasect Xtreme (CYXR)	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x			5%
Leptra (VYHR)	Cry1Ab Cry1F Vip3A	x	x	x	x	x	x	x	x	x				x	x			5%

See bag tag. EZ0 = no EZ1 = yes

Powercore ^a PW Refuge Advanced ^b	(PW) (PWRA)	Cry1A.105/Cry2Ab2 Cry1F	x	x	x	x	x	x	x					CEW WBC	x	x		^a 5% ^b 5% in bag
Powercore Enlist	(PWE)	Same as Powercore	x	x	x	x	x	x	x					Same as Powercore	x	x	x	5% in bag
QROME	(Q)	Cry1Ab Cry1F mCry3A Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW FAW WBC WCR	x	x		5% in bag
SmartStax ^a STX Refuge Advanced ^b STX RIB Complete ^b	(SX,STX or SS) (SXRA) (STXRIB)	Cry1A.105/Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW WBC NCR WCR	x	x		^a 5% ^b 5% in bag
SmartStax Enlist	(SXE)	Same as SmartStax	x	x	x	x	x	x	x				x	Same as SmartStax	x	x	x	5% in bag
Trecepta ^a Trecepta RIB Complete ^b	(TRE) (TRERIB)	Cry1A.105/Cry2Ab2 Vip3A	x	x	x	x	x	x	x	x	x				x			^a 5% ^b 5% in bag
TRIssect	(CHR)	Cry1F mCry3A	x		x	x	x	x	x				x	ECB FAW SWB WBC WCR	x	x		20%
VT DoublePRO ^a VT2P RIB Complete ^b	(VT2P) (VT2PRIB)	Cry1A.105/Cry2Ab2		x	x	x	x	x	x					CEW	x			^a 5% ^b 5% in bag
VT TriplePRO ^c VT3P RIB Complete ^d	(VT3P) (VT3PRIB)	Cry1A.105/Cry2Ab2 Cry3Bb1		x	x	x	x	x	x				x	CEW NCR WCR	x			^c 20% ^d 10% in bag
Yieldgard Corn Borer	(YGCB)	Cry1Ab		x	x			x	x					CEW	x			20%
Yieldgard Rootworm	(YGRW)	Cry3Bb1											x	NCR WCR	x			20%
Yieldgard VT Triple	(VT3)	Cry1Ab Cry3Bb1		x	x			x	x				x	CEW NCR WCR	x			20%

Table 2. 2020 Relative yield of corn hybrids entered in three or more locations - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Black- stone	Mt Holly Dryland	Black- burg	Orange	Shenan- doah	Mean
108-111 Days Relative Maturity								
AXIS	59A25	109	114	101	---	101	---	105
NK Brand	NK1082-5222	110	122	---	85	99	101	102
Seed Consultants	SCS 1091AM™	109	---	122	79	---	104	102
MorCorn	MC 3952	109	---	99	---	---	103	101
Local Seed	LC0999 VT2P	109	---	103	---	---	89	96
LG Seeds	LG59C72VT2RIB	109	---	100	---	82	99	94
DEKALB	DKC61-41RIB	111	130	110	24	92	104	92
Hubner Seed	H4563RC2P	111	100	104	73	86	90	91
DEKALB	DKC59-82RIB	109	149	92	20	99	92	90
Hubner Seed	H09G056	109	130	93	43	92	82	88
112-115 Days Relative Maturity								
Hubner Seed	H4763RC2P	115	155	124	120	112	107	123
DEKALB	DKC63-91RIB	113	159	95	114	116	116	120
Dyna-Gro	D54VC34	114	129	119	---	110	---	120
Hubner Seed	H4692RC2P	112	158	102	121	109	103	119
MorCorn	MC 4319	113	---	118	---	---	107	112
LG Seeds	LG5643VT2RIB	114	---	118	---	103	111	111
DEKALB	DKC65-95RIB	115	112	108	109	112	108	110
Local Seed	LC1577 VT2P	115	---	114	---	---	106	110
Seed Consultants	SCS 1158AM™	115	113	124	116	108	84	109
LG Seeds	LG62C35VT2RIB	112	---	110	---	107	106	108
DEKALB	DKC65-99RIB	115	75	103	113	109	119	104
Progeny	PGY 2012VT2P	112	110	88	---	---	113	104
AXIS	63H27	113	91	108	---	108	---	102
Progeny	PGY 2025DG	115	100	104	103	104	100	102
DEKALB	DKC64-64RIB	114	104	106	92	95	110	101
Local Seed	LC1497 DGVT2P	114	---	93	---	---	110	101

Progeny	PGY EXP1913	113	123	104	87	84	104	100
Seed Consultants	SCS 1141AM™	114	92	88	101	104	111	99
Hubner Seed	H4663RC2P	113	93	94	104	102	102	99
Progeny	PGY 9114VT2P	114	106	92	96	97	103	99
DEKALB	DKC62-53RIB	112	100	88	101	102	96	97
Progeny	PGY 2015VT2P	115	111	84	103	96	91	97
Local Seed	LC1289 VT2P	112	---	91	---	---	102	97
AXIS	65T29	115	86	104	---	93	---	94
Local Seed	LC1398 VT2P	113	---	88	---	---	99	93
NK Brand	NK1239-5122	112	86	---	108	86	90	93
Augusta	A4463	113	---	69	96	---	113	93
Local Seed	LC1488 VT2P	114	---	75	---	---	108	91
Local Seed	LCX14-20 VT2P	114	---	74	---	---	104	89
Seed Consultants	SCS 1121AM™	112	63	114	93	86	87	89
MorCorn	MC 4255	112	---	96	---	---	78	87
Augusta	A1065	115	74	85	---	---	---	80

>115 Days Relative Maturity

DEKALB	DKC69-99RIB	119	113	117	115	111	106	112
DEKALB	DKC67-44RIB	117	87	113	111	109	115	107
Hubner Seed	H4890RC2P	117	106	105	107	103	106	105
MorCorn	MC 4670	116	---	114	---	---	97	105
DEKALB	DKC70-27RIB	120	76	111	119	105	107	104
DEKALB	DKC66-18RIB	116	110	95	102	90	115	102
Hubner Seed	H4828RC2P	116	78	102	108	103	117	102
NK Brand	NK1748-3110	117	77	---	109	114	98	100
Progeny	PGY 8116SS	116	100	117	109	90	83	100
Local Seed	LC1697 VT2P	116	---	105	---	---	94	100
Seed Consultants	SCS 1188AM™	118	90	105	113	117	72	99
Seed Consultants	SCS 1160YHR™	117	60	116	112	93	113	99
DEKALB	DKC68-69RIB	118	80	102	109	100	97	97
Seed Consultants	SCS 1170AM™	117	76	92	118	114	87	97
Local Seed	LC1898 TC	118	---	97	---	---	94	95
MorCorn	MC 4725	117	---	96	---	---	89	93

Seed Consultants	SCS 1168AM™	116	54	98	108	103	96	92
LG Seeds	LG66C32VT2RIB	116	---	93	---	88	92	91
NK Brand	NK1677-3110	116	39	---	116	106	85	87
Progeny	PGY 9117VT2P	117	87	82	94	83	84	86

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

Note: Relative yield is calculated by dividing the yield of a hybrid by the average yield of all hybrids of all maturities at that location. A hybrid with a relative yield of 105 was 5% above the average of all hybrids at that location. The value of 105 is not a yield but a value relative to all other yield values at that location. Relative yields are listed in order of descending mean values.

Note: Holland values were not used in the calculation of relative yield as the values were so variable.

Table 3. Two-year average relative yield (2019-2020) of corn hybrids entered in three or more locations – Virginia Tech Trials

Brand/Company	Hybrid	DTM per Co. ¹	Number of Obs. ²	Relative Yield
108-111 Days Relative Maturity				
AXIS	59A25	109	9	99
DEKALB	DKC59-82RIB	109	13	97
Hubner Seed	H4563RC2P	111	13	92
112-115 Days Relative Maturity				
Hubner Seed	H4763RC2P	115	13	112
DEKALB	DKC65-95RIB	115	13	112
LG Seeds	LG5643VT2RIB	114	9	110
Progeny	PGY 2025DG	115	13	107
Seed Consultants	SCS 1158AM™	115	12	105
Dyna-Gro	D54VC14	114	5	104
MorCorn	MC 4319	113	7	103
DEKALB	DKC65-99RIB	115	13	103
Progeny	PGY 9114VT2P	114	13	102
Progeny	PGY EXP1913	113	13	102
Hubner Seed	H4692RC2P	112	13	101
Hubner Seed	H4663RC2P	113	13	98
DEKALB	DKC62-53RIB	112	13	98
Progeny	PGY 2012VT2P	112	10	95
MorCorn	MC 4255	112	7	92
>115 Days Relative Maturity				
DEKALB	DKC66-18RIB	116	13	111
DEKALB	DKC67-44RIB	117	13	106
Hubner Seed	H4890RC2P	117	13	106
LG Seeds	LG66C32VT2RIB	116	9	104
DEKALB	DKC70-27RIB	120	13	104
Seed Consultants	SCS 1188AM™	118	12	101
MorCorn	MC 4725	117	7	98
Progeny	PGY 9117VT2P	117	13	98

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² A higher number of site/year combinations provides a better estimate of hybrid performance than a single site/year location.

Note: Relative yield is calculated by dividing the yield of a hybrid by the average yield of all hybrids of all maturities at that location. A hybrid with a relative yield of 105 was 5% above the average of all hybrids at that location. The value of 105 is not a yield but a value relative to all other yield values at that location. Relative yields are listed in order of descending mean values. A hybrid does not have to be entered in the same three locations each year.

Table 4. Three-year average relative yield (2018-2020) of corn hybrids entered in three or more locations – Virginia Tech Trials

Brand/Company	Hybrid	DTM per Co. ¹	Number of Obs. ²	Relative Yield
108-111 Days Relative Maturity				
Hubner Seed	H4563RC2P	111	20	94
112-115 Days Relative Maturity				
DEKALB	DKC65-95RIB	115	20	112
MorCorn	MC 4319	113	11	106
Seed Consultants	SCS 1158AM™	115	19	105
DEKALB	DKC62-53RIB	112	20	100
Hubner Seed	H4663RC2P	113	20	100
Progeny	PGY 9114VT2P	114	20	100
>115 Days Relative Maturity				
Hubner Seed	H4890RC2P	117	20	108
DEKALB	DKC70-27RIB	120	20	107
DEKALB	DKC67-44RIB	117	20	106
Progeny	PGY 9117VT2P	117	20	101
MorCorn	MC 4725	117	11	97

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² A higher number of site/year combinations provides a better estimate of hybrid performance than a single site/year location.

Note: Relative yield is calculated by dividing the yield of a hybrid by the average yield of all hybrids of all maturities at that location. A hybrid with a relative yield of 105 was 5% above the average of all hybrids at that location. The value of 105 is not a yield but a value relative to all other yield values at that location. Relative yields are listed in order of descending mean values. A hybrid does not have to be entered in the same three locations each year.

Table 5. Corn yields at the Tidewater AREC at Holland, Virginia in 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co.¹	Yield² bu/A	Test Wt. lb/bu
108-111 Days Relative Maturity				
DEKALB	DKC59-82RIB	109	58	50.0
Augusta	A1060	110	42	50.1
DEKALB	DKC61-41RIB	111	37	45.8
Local Seed	LC0999 VT2P	109	32	---
MorCorn	MC 3952	109	28	---
Hubner Seed	H4563RC2P	111	26	---
Augusta	A1059	109	22	---
LG Seeds	LG59C72VT2RIB	109	15	---
AXIS	59A25	109	15	---
Hubner Seed	H09G056	109	13	---
Augusta	A1258	108	---	---
	Maturity Average		29	48.6
	L.S.D. (0.05)		23	---
	C.V.		43	---
112-115 Days Relative Maturity				
Local Seed	LCX14-20 VT2P	114	123	51.7
Local Seed	LC1289 VT2P	112	100	52.0
LG Seeds	LG5643VT2RIB	114	99	51.0
Progeny	PGY 2025DG	115	95	51.4
DEKALB	DKC63-91RIB	113	88	50.4
DEKALB	DKC65-95RIB	115	85	53.3
Dyna-Gro	D54VC34	114	84	52.6
Local Seed	LC1497 DGVT2P	114	67	51.9
Local Seed	LC1577 VT2P	115	66	53.4
Progeny	PGY 9114VT2P	114	65	53.0
AXIS	65T29	115	64	52.7
Progeny	PGY EXP1913	113	61	52.9
Hubner Seed	H4763RC2P	115	57	52.9
Hubner Seed	H4663RC2P	113	53	51.3
Local Seed	LC1488 VT2P	114	50	48.1
DEKALB	DKC65-99RIB	115	49	51.9
Local Seed	LC1398 VT2P	113	42	52.0
MorCorn	MC 4319	113	42	49.0
Progeny	PGY 2015VT2P	115	36	54.5
Augusta	A1065	115	36	52.9
Dyna-Gro	D55VC80	115	36	46.3
DEKALB	DKC62-53RIB	112	35	51.7
MorCorn	MC 4255	112	32	50.5
LG Seeds	LG62C35VT2RIB	112	26	---
DEKALB	DKC64-64RIB	114	24	---

Hubner Seed	H4692RC2P	112	20	---
	Maturity Average		59	51.6
	L.S.D. (0.05)		49	3.8
	C.V.		49	3.0
>115 Days Relative Maturity				
DEKALB	DKC66-18RIB	116	105	52.7
Progeny	PGY 8116SS	116	101	54.0
LG Seeds	LG66C32VT2RIB	116	79	49.8
Hubner Seed	H4828RC2P	116	78	53.3
DEKALB	DKC70-27RIB	120	76	52.6
DEKALB	DKC69-99RIB	119	74	53.1
Local Seed	LC1898 TC	118	72	54.0
Progeny	PGY 9117VT2P	117	71	52.6
Hubner Seed	H4890RC2P	117	63	52.8
MorCorn	MC 4670	116	61	53.2
MorCorn	MC 4725	117	60	50.6
Local Seed	LC1697 VT2P	116	58	54.1
Augusta	A7168	118	48	52.9
DEKALB	DKC68-69RIB	118	47	52.9
DEKALB	DKC67-44RIB	117	35	50.1
	Maturity Average		68	52.6
	L.S.D. (0.05)		58	3.9
	C.V.		47	3.4
	Location Average		56	51.7

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Note: Site was severely affected by drought; data should be interpreted with caution.

Note: Moistures are not reported at this location due to erroneous data from small samples.

Note: Planted April 9, 2020. Harvested September 1-2, 2020. Population was 25,613 plants/acre.

Table 6. Two-year average corn yields at the Tidewater AREC in Holland, Virginia 2019 and 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
DEKALB	DKC59-82RIB	109	114	17.7	50.1
Hubner Seed	H4563RC2P	111	102	16.0	51.1
	Maturity Average		108	16.8	50.6
	L.S.D. (0.05)		35	2.2	1.8
	C.V.		24	9.6	1.7
112-115 Days Relative Maturity					
LG Seeds	LG5643VT2RIB	114	148	20.8	51.6
DEKALB	DKC65-95RIB	115	135	19.5	52.8
Progeny	PGY 9114VT2P	114	131	18.8	52.2
DEKALB	DKC65-99RIB	115	129	18.1	51.8
Progeny	PGY 2025DG	115	124	19.8	51.8
Hubner Seed	H4763RC2P	115	119	18.1	52.0
Dyna-Gro	D55VC80	115	114	17.4	50.4
MorCorn	MC 4255	112	112	14.8	51.2
Progeny	PGY EXP1913	113	110	18.4	52.1
MorCorn	MC 4319	113	108	17.4	49.9
Hubner Seed	H4692RC2P	112	107	14.9	50.7
Hubner Seed	H4663RC2P	113	106	19.4	51.3
DEKALB	DKC62-53RIB	112	101	15.9	51.3
	Maturity Average		119	18.0	51.5
	L.S.D. (0.05)		26	2.0	1.3
	C.V.		20	10.1	2.0
>115 Days Relative Maturity					
DEKALB	DKC66-18RIB	116	142	20.0	52.1
DEKALB	DKC70-27RIB	120	138	21.4	51.5
DEKALB	DKC67-44RIB	117	137	17.6	51.3
LG Seeds	LG66C32VT2RIB	116	130	17.8	50.6
Hubner Seed	H4890RC2P	117	126	19.4	52.3
Progeny	PGY 9117VT2P	117	125	19.6	52.2
MorCorn	MC 4725	117	120	20.5	51.3
	Maturity Average		131	19.5	51.6
	L.S.D. (0.05)		35	2.8	2.1
	C.V.		24	12.9	3.3
	Location Average		122	18.3	51.4

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 7. Three-year average corn yields at the Tidewater AREC in Holland, Virginia 2018-2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co.¹	Yield² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	120	16.7	51.5
112-115 Days Relative Maturity					
DEKALB	DKC65-95RIB	115	149	19.6	52.6
Progeny	PGY 9114VT2P	114	147	18.6	52.5
MorCorn	MC 4319	113	132	18.1	50.6
Hubner Seed	H4663RC2P	113	120	19.4	51.3
DEKALB	DKC62-53RIB	112	118	16.6	51.2
	Maturity Average		133	18.5	51.6
	L.S.D. (0.05)		23	1.4	0.9
	C.V.		19	8.2	1.8
>115 Days Relative Maturity					
DEKALB	DKC67-44RIB	117	162	18.2	51.8
DEKALB	DKC70-27RIB	120	159	21.3	51.6
Progeny	PGY 9117VT2P	117	145	19.8	52.3
MorCorn	MC 4725	117	142	20.1	52.2
Hubner Seed	H4890RC2P	117	140	19.8	52.5
	Maturity Average		150	19.9	52.1
	L.S.D. (0.05)		24	1.9	1.2
	C.V.		18	10.7	2.3
	Location Average		140	18.9	51.8

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 8. Corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia in 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
Seed Consultants	SCS 1091AM™	109	158	16.2	53.3
DEKALB	DKC61-41RIB	111	142	17.2	52.0
Hubner Seed	H4563RC2P	111	135	18.3	52.6
Local Seed	LC0999 VT2P	109	133	16.2	53.5
AXIS	59A25	109	130	18.8	52.7
LG Seeds	LG59C72VT2RIB	109	130	18.0	50.7
MorCorn	MC 3952	109	128	15.9	53.8
Augusta	A1258	108	127	21.2	52.7
Hubner Seed	H09G056	109	120	17.4	52.5
DEKALB	DKC59-82RIB	109	119	16.5	52.5
Augusta	A1060	110	101	15.8	51.0
Augusta	A1059	109	95	16.1	49.2
	Maturity Average		127	17.3	52.2
	L.S.D. (0.05)		17	3.4	1.1
	C.V.		8	12.1	1.3
112-115 Days Relative Maturity					
Seed Consultants	SCS 1158AM™	115	161	18.0	53.2
Hubner Seed	H4763RC2P	115	160	19.1	52.9
Dyna-Gro	D54VC34	114	155	19.2	52.6
LG Seeds	LG5643VT2RIB	114	153	19.8	51.6
MorCorn	MC 4319	113	153	19.8	52.8
Augusta	A7162	112	151	19.7	52.2
Seed Consultants	SCS 1121AM™	112	148	18.3	52.0
Local Seed	LC1577 VT2P	115	147	17.3	53.8
Dyna-Gro	D54VC14	114	144	18.8	53.1
LG Seeds	LG62C35VT2RIB	112	143	18.0	53.8
DEKALB	DKC65-95RIB	115	140	20.8	52.3
AXIS	63H27	113	140	19.2	53.7
DEKALB	DKC64-64RIB	114	137	18.6	52.3
Progeny	PGY EXP1913	113	135	19.3	52.1
Progeny	PGY 2025DG	115	135	18.6	52.5
AXIS	65T29	115	135	17.4	53.4
DEKALB	DKC65-99RIB	115	133	19.7	51.8
Hubner Seed	H4692RC2P	112	132	16.8	52.4
Dyna-Gro	D52DC82	112	124	17.0	52.2
MorCorn	MC 4255	112	124	19.9	52.4
DEKALB	DKC63-91RIB	113	124	17.9	50.6
Hubner Seed	H4663RC2P	113	122	18.3	53.6
Local Seed	LC1497 DGVT2P	114	120	15.9	51.9

Progeny	PGY 9114VT2P	114	119	17.6	53.8
Local Seed	LC1289 VT2P	112	118	20.4	52.4
Seed Consultants	SCS 1141AM™	114	114	18.7	53.1
DEKALB	DKC62-53RIB	112	114	16.5	53.2
Local Seed	LC1398 VT2P	113	114	18.0	53.3
Progeny	PGY 2012VT2P	112	114	19.6	52.8
Augusta	A1065	115	111	18.4	53.1
Progeny	PGY 2015VT2P	115	109	18.6	53.5
Local Seed	LC1488 VT2P	114	97	17.5	53.3
Local Seed	LCX14-20 VT2P	114	96	18.5	54.7
Augusta	A4463	113	89	17.9	52.6
Maturity Average			130	18.5	52.8
L.S.D. (0.05)			32	2.5	1.6
C.V.			17	9.1	1.9
>115 Days Relative Maturity					
Progeny	PGY 8116SS	116	151	19.4	53.7
DEKALB	DKC69-99RIB	119	151	19.3	53.5
Seed Consultants	SCS 1160YHR™	117	151	20.3	53.6
MorCorn	MC 4670	116	147	20.5	52.6
DEKALB	DKC67-44RIB	117	146	20.7	53.8
DEKALB	DKC70-27RIB	120	145	22.0	53.0
Augusta	A7168	118	142	23.8	50.8
Local Seed	LC1697 VT2P	116	137	19.6	54.5
Hubner Seed	H4890RC2P	117	136	20.6	53.1
Seed Consultants	SCS 1188AM™	118	136	22.3	52.7
Hubner Seed	H4828RC2P	116	133	20.4	52.2
DEKALB	DKC68-69RIB	118	132	22.6	52.9
Seed Consultants	SCS 1168AM™	116	128	17.8	53.9
Local Seed	LC1898 TC	118	126	20.9	53.6
MorCorn	MC 4725	117	125	19.4	52.4
DEKALB	DKC66-18RIB	116	123	19.1	52.6
LG Seeds	LG66C32VT2RIB	116	120	17.6	53.7
Seed Consultants	SCS 1170AM™	117	120	19.8	52.4
Progeny	PGY 9117VT2P	117	106	21.1	52.7
Maturity Average			134	20.4	53.0
L.S.D. (0.05)			22	2.1	1.0
C.V.			11	6.8	1.2
Location Average			131	18.8	52.7

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Note: Planted April 16, 2020. Harvested September 15-16, 2020. Population was 27,312 plants/acre.

Table 9. Two-year average corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia, 2019 and 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co.¹	Yield² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
AXIS	59A25	109	159	18.2	54.1
Hubner Seed	H4563RC2P	111	146	17.4	53.6
DEKALB	DKC59-82RIB	109	134	15.9	52.7
	Maturity Average		146	17.2	53.5
	L.S.D. (0.05)		16	2.8	0.8
	C.V.		9	13.0	1.1
112-115 Days Relative Maturity					
Seed Consultants	SCS 1158AM™	115	162	18.2	54.0
MorCorn	MC 4319	113	161	18.6	53.3
Hubner Seed	H4763RC2P	115	161	17.2	53.9
Progeny	PGY EXP1913	113	157	18.6	53.3
DEKALB	DKC65-95RIB	115	155	19.4	53.9
LG Seeds	LG5643VT2RIB	114	150	17.2	53.2
Hubner Seed	H4692RC2P	112	148	16.5	53.0
Progeny	PGY 2025DG	115	147	18.0	54.3
Progeny	PGY 9114VT2P	114	147	18.2	54.0
Dyna-Gro	D54VC14	114	147	16.6	54.4
MorCorn	MC 4255	112	146	18.5	53.1
DEKALB	DKC62-53RIB	112	146	16.6	54.4
DEKALB	DKC65-99RIB	115	143	17.7	53.6
Hubner Seed	H4663RC2P	113	140	17.4	53.8
Progeny	PGY 2012VT2P	112	122	17.4	54.4
	Maturity Average		149	17.7	53.8
	L.S.D. (0.05)		23	1.6	1.0
	C.V.		14	8.1	1.7
>115 Days Relative Maturity					
Seed Consultants	SCS 1188AM™	118	148	20.5	54.4
DEKALB	DKC67-44RIB	117	147	18.7	54.9
DEKALB	DKC66-18RIB	116	147	18.4	53.9
DEKALB	DKC70-27RIB	120	146	20.4	53.9
MorCorn	MC 4725	117	142	19.2	54.0
LG Seeds	LG66C32VT2RIB	116	141	17.8	54.8
Hubner Seed	H4890RC2P	117	139	20.0	53.5
Progeny	PGY 9117VT2P	117	131	19.9	55.2
	Maturity Average		143	19.4	54.3
	L.S.D. (0.05)		19	1.5	0.9
	C.V.		11	6.5	1.3
	Location Average		147	18.2	53.9

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 10. Three-year average corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia, 2018-2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co.¹	Yield² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	152	18.2	53.0
112-115 Days Relative Maturity					
MorCorn	MC 4319	113	163	19.4	52.5
Seed Consultants	SCS 1158AM™	115	162	18.7	53.3
DEKALB	DKC65-95RIB	115	159	20.7	53.3
DEKALB	DKC62-53RIB	112	153	18.4	53.7
Hubner Seed	H4663RC2P	113	141	18.4	53.4
Progeny	PGY 9114VT2P	114	137	18.5	53.8
	Maturity Average		152	19.0	53.3
	L.S.D. (0.05)		16	1.1	1.5
	C.V.		12	6.3	3.1
>115 Days Relative Maturity					
DEKALB	DKC67-44RIB	117	147	19.0	54.6
Hubner Seed	H4890RC2P	117	147	20.3	53.0
DEKALB	DKC70-27RIB	120	141	20.7	53.8
Progeny	PGY 9117VT2P	117	141	20.7	54.0
MorCorn	MC 4725	117	130	19.7	54.0
	Maturity Average		141	20.1	53.9
	L.S.D. (0.05)		18	1.0	0.9
	C.V.		13	5.3	1.5
	Location Average		148	19.4	53.5

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 11. Corn yields at the Southern Piedmont AREC at Blackstone, Virginia in 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co.¹	Yield² bu/A	Test Wt. lb/bu
108-111 Days Relative Maturity				
DEKALB	DKC59-82RIB	109	80	50.3
DEKALB	DKC61-41RIB	111	70	50.5
Hubner Seed	H09G056	109	70	50.2
NK Brand	NK1082-5222	110	66	49.5
AXIS	59A25	109	61	51.6
Hubner Seed	H4563RC2P	111	54	51.0
	Maturity Average		67	50.5
	L.S.D. (0.05)		15	0.9
	C.V.		13	1.0
112-115 Days Relative Maturity				
DEKALB	DKC63-91RIB	113	85	49.8
Hubner Seed	H4692RC2P	112	85	50.3
Hubner Seed	H4763RC2P	115	83	51.9
Dyna-Gro	D54VC34	114	69	51.6
Progeny	PGY EXP1913	113	66	51.1
Seed Consultants	SCS 1158AM™	115	60	51.3
DEKALB	DKC65-95RIB	115	60	51.1
Progeny	PGY 2015VT2P	115	59	52.0
Progeny	PGY 2012VT2P	112	59	51.5
Progeny	PGY 9114VT2P	114	57	52.4
DEKALB	DKC64-64RIB	114	56	51.8
DEKALB	DKC62-53RIB	112	54	49.5
Progeny	PGY 2025DG	115	54	51.2
Hubner Seed	H4663RC2P	113	50	49.9
Seed Consultants	SCS 1141AM™	114	49	51.0
AXIS	63H27	113	49	52.2
AXIS	65T29	115	46	52.3
Dyna-Gro	D55VC80	115	46	50.8
NK Brand	NK1239-5122	112	46	51.8
DEKALB	DKC65-99RIB	115	40	51.9
Augusta	A1065	115	40	54.7
Seed Consultants	SCS 1121AM™	112	34	51.3
	Maturity Average		57	51.4
	L.S.D. (0.05)		18	2.4
	C.V.		20	2.8
>115 Days Relative Maturity				
DEKALB	DKC69-99RIB	119	61	51.3
DEKALB	DKC66-18RIB	116	59	51.6
Hubner Seed	H4890RC2P	117	57	51.9
Progeny	PGY 8116SS	116	54	51.7

Seed Consultants	SCS 1188AM™	118	48	50.3
Progeny	PGY 9117VT2P	117	47	50.7
DEKALB	DKC67-44RIB	117	46	51.5
DEKALB	DKC68-69RIB	118	43	52.6
Hubner Seed	H4828RC2P	116	42	52.1
NK Brand	NK1748-3110	117	42	49.7
DEKALB	DKC70-27RIB	120	41	51.2
Seed Consultants	SCS 1170AM™	117	41	50.0
Seed Consultants	SCS 1160YHR™	117	32	51.2
Seed Consultants	SCS 1168AM™	116	29	48.9
NK Brand	NK1677-3110	116	21	49.7
Maturity Average			44	51.0
L.S.D. (0.05)			15	1.1
C.V.			20	1.3
Location Average			54	51.1

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Note: Site was severely affected by drought; data should be interpreted with caution.

Note: Moistures are not reported at this location due to erroneous data from small samples.

Note: Planted April 17, 2020. Harvested September 1, 2020. Population was 25,688 plants/acre.

Table 12. Two-year average corn yields at the Southern Piedmont AREC in Blackstone, Virginia, 2019 and 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
DEKALB	DKC59-82RIB	109	113	22.1	51.0
AXIS	59A25	109	113	25.1	52.4
Hubner Seed	H4563RC2P	111	105	25.2	51.9
Maturity Average			110	24.1	51.8
L.S.D. (0.05)			23	1.1	0.4
C.V.			17	3.6	0.6
112-115 Days Relative Maturity					
Progeny	PGY EXP1913	113	121	25.2	52.8
DEKALB	DKC65-95RIB	115	121	28.8	52.7
Hubner Seed	H4763RC2P	115	119	27.2	52.7
Progeny	PGY 2012VT2P	112	117	25.3	52.2
Hubner Seed	H4692RC2P	112	116	24.3	51.3
Seed Consultants	SCS 1158AM™	115	114	26.3	52.5
Dyna-Gro	D55VC80	115	105	29.9	52.2
Progeny	PGY 2025DG	115	104	27.2	52.2
Progeny	PGY 9114VT2P	114	102	28.2	53.1
DEKALB	DKC62-53RIB	112	97	26.1	50.7
Hubner Seed	H4663RC2P	113	89	25.8	50.8
DEKALB	DKC65-99RIB	115	86	27.4	52.6

			Maturity Average	108	26.8	52.1
			L.S.D. (0.05)	15	2.4	0.9
			C.V.	13	7.9	1.5
>115 Days Relative Maturity						
DEKALB	DKC67-44RIB	117	102	27.8	52.6	
Progeny	PGY 9117VT2P	117	102	25.7	52.4	
Seed Consultants	SCS 1188AM™	118	101	26.2	51.9	
Hubner Seed	H4890RC2P	117	99	27.5	52.9	
DEKALB	DKC66-18RIB	116	97	24.5	52.7	
DEKALB	DKC70-27RIB	120	95	26.9	51.8	
			Maturity Average	99	26.4	52.4
			L.S.D. (0.05)	13	2.2	0.6
			C.V.	12	7.7	1.1
			Location Average	106	26.3	52.2

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 13. Three-year average corn yields at the Southern Piedmont AREC in Blackstone, Virginia, 2018-2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	138	23.1	52.3
112-115 Days Relative Maturity					
DEKALB	DKC65-95RIB	115	140	25.8	53.2
DEKALB	DKC62-53RIB	112	118	24.1	51.6
Progeny	PGY 9114VT2P	114	117	24.7	54.0
Seed Consultants	SCS 1158AM™	115	114	24.8	52.6
Hubner Seed	H4663RC2P	113	113	23.5	51.5
	Maturity Average		120	24.6	52.6
	L.S.D. (0.05)		14	1.4	0.8
	C.V.		13	5.9	1.5
>115 Days Relative Maturity					
DEKALB	DKC67-44RIB	117	128	24.8	53.1
Hubner Seed	H4890RC2P	117	125	24.8	53.3
Progeny	PGY 9117VT2P	117	124	23.9	52.9
DEKALB	DKC70-27RIB	120	120	25.1	52.0
	Maturity Average		124	24.6	52.8
	L.S.D. (0.05)		14	1.5	0.5
	C.V.		12	6.7	0.9
	Location Average		124	24.5	52.6

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 14. Corn yields at Kentland Farm at Blacksburg, Virginia in 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
NK Brand	NK1082-5222	110	151	18.6	49.3
Seed Consultants	SCS 1091AM™	109	141	17.5	51.4
Hubner Seed	H4563RC2P	111	129	19.0	52.0
Hubner Seed	H09G056	109	76	20.5	49.2
DEKALB	DKC61-41RIB	111	42	14.8	49.4
DEKALB	DKC59-82RIB	109	36	---	---
	Maturity Average		96	18.1	50.2
	L.S.D. (0.05)		42	5.5	3.3
	C.V.		22	16.4	2.8
112-115 Days Relative Maturity					
Hubner Seed	H4692RC2P	112	214	17.9	49.0
Hubner Seed	H4763RC2P	115	213	20.9	51.8
Seed Consultants	SCS 1158AM™	115	206	20.5	50.8
DEKALB	DKC63-91RIB	113	203	18.5	49.2
DEKALB	DKC65-99RIB	115	201	19.0	50.5
DEKALB	DKC65-95RIB	115	194	20.7	52.0
NK Brand	NK1239-5122	112	192	21.1	49.2
Hubner Seed	H4663RC2P	113	185	18.8	50.3
Progeny	PGY 2015VT2P	115	184	19.3	54.0
Progeny	PGY 2025DG	115	182	20.5	50.0
DEKALB	DKC62-53RIB	112	180	19.6	49.8
Seed Consultants	SCS 1141AM™	114	179	20.8	50.4
Augusta	A4463	113	171	18.9	51.5
Progeny	PGY 9114VT2P	114	170	19.2	52.5
Seed Consultants	SCS 1121AM™	112	165	18.5	50.9
DEKALB	DKC64-64RIB	114	163	20.6	49.6
Progeny	PGY EXP1913	113	155	20.2	50.7
	Maturity Average		186	19.7	50.7
	L.S.D. (0.05)		42	1.7	1.2
	C.V.		14	5.2	1.3
>115 Days Relative Maturity					
DEKALB	DKC70-27RIB	120	212	22.9	50.5
Seed Consultants	SCS 1170AM™	117	210	18.5	51.8
NK Brand	NK1677-3110	116	207	20.2	49.5
DEKALB	DKC69-99RIB	119	205	19.6	52.6
Seed Consultants	SCS 1188AM™	118	200	20.4	51.8
Seed Consultants	SCS 1160YHR™	117	200	21.8	52.3
DEKALB	DKC67-44RIB	117	197	18.9	52.1
Progeny	PGY 8116SS	116	194	20.2	51.3
NK Brand	NK1748-3110	117	194	20.4	49.7

DEKALB	DKC68-69RIB	118	193	22.3	52.6
Hubner Seed	H4828RC2P	116	192	20.2	51.5
Seed Consultants	SCS 1168AM™	116	192	19.6	50.9
Hubner Seed	H4890RC2P	117	190	21.4	52.1
DEKALB	DKC66-18RIB	116	182	20.1	51.1
Progeny	PGY 9117VT2P	117	168	19.8	51.6
Maturity Average			196	20.4	51.4
L.S.D. (0.05)			26	1.0	1.4
C.V.			9	3.4	1.7
Location Average			176	19.8	50.9

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Note: Planted April 29, 2020. Harvested October 8, 2020. Population was 23,217 plants/acre.

Table 15. Two-year average corn yields at Kentland Farm in Blacksburg, Virginia, 2019 and 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	171	19.0	53.9
DEKALB	DKC59-82RIB	109	136	16.5	53.9
Maturity Average			153	17.7	53.9
L.S.D. (0.05)			11	3.1	0.6
C.V.			5	8.4	0.6
112-115 Days Relative Maturity					
Hubner Seed	H4763RC2P	115	224	20.4	53.0
Progeny	PGY 2025DG	115	212	20.7	52.1
DEKALB	DKC65-99RIB	115	205	18.9	52.7
Seed Consultants	SCS 1158AM™	115	202	20.4	53.0
Hubner Seed	H4692RC2P	112	196	16.9	51.5
Hubner Seed	H4663RC2P	113	195	18.8	51.8
DEKALB	DKC62-53RIB	112	192	18.4	52.9
DEKALB	DKC65-95RIB	115	191	20.0	53.9
Progeny	PGY 9114VT2P	114	180	18.9	54.5
Progeny	PGY EXP1913	113	172	19.0	53.4
Maturity Average			197	19.2	52.9
L.S.D. (0.05)			27	1.2	0.8
C.V.			12	5.5	1.4
>115 Days Relative Maturity					
DEKALB	DKC67-44RIB	117	216	19.0	53.7
DEKALB	DKC70-27RIB	120	209	21.6	52.6
Seed Consultants	SCS 1188AM™	118	208	20.2	53.6
DEKALB	DKC66-18RIB	116	199	20.1	52.8
Hubner Seed	H4890RC2P	117	197	20.8	53.8

Progeny	PGY 9117VT2P	117	186	19.6	53.5
	Maturity Average		202	20.2	53.3
	L.S.D. (0.05)		20	0.8	1.0
	C.V.		9	3.5	1.7
	Location Average		194	19.4	53.1

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 16. Three-year average corn yields at Kentland Farm in Blacksburg, Virginia, 2018-2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	145	18.4	54.8
112-115 Days Relative Maturity					
Seed Consultants	SCS 1158AM™	115	182	19.6	53.2
DEKALB	DKC65-95RIB	115	171	19.2	53.9
Hubner Seed	H4663RC2P	113	166	18.1	52.8
DEKALB	DKC62-53RIB	112	156	17.1	53.0
Progeny	PGY 9114VT2P	114	154	17.8	55.4
	Maturity Average		166	18.4	53.7
	L.S.D. (0.05)		26	1.1	0.5
	C.V.		16	6.3	0.9
>115 Days Relative Maturity					
DEKALB	DKC67-44RIB	117	202	18.6	53.7
DEKALB	DKC70-27RIB	120	200	21.1	52.8
Hubner Seed	H4890RC2P	117	186	19.9	54.1
Progeny	PGY 9117VT2P	117	173	19.0	54.4
	Maturity Average		190	19.6	53.7
	L.S.D. (0.05)		15	0.6	1.0
	C.V.		9	3.2	2.0
	Location Average		173	18.9	53.8

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 17. Corn yields at the Northern Piedmont Center at Orange, Virginia in 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
AXIS	59A25	109	217	18.1	52.6
NK Brand	NK1082-5222	110	213	18.6	49.4
DEKALB	DKC59-82RIB	109	212	18.3	51.4
DEKALB	DKC61-41RIB	111	199	17.1	51.4
Hubner Seed	H09G056	109	197	18.5	50.2
Hubner Seed	H4563RC2P	111	184	19.5	53.5
LG Seeds	LG59C72VT2RIB	109	177	16.2	51.3
	Maturity Average		200	18.0	51.4
	L.S.D. (0.05)		25	1.4	2.6
	C.V.		8	5.0	2.9
112-115 Days Relative Maturity					
DEKALB	DKC63-91RIB	113	248	19.2	49.9
DEKALB	DKC65-95RIB	115	241	20.3	51.7
Hubner Seed	H4763RC2P	115	240	20.1	52.4
Dyna-Gro	D54VC34	114	236	21.4	51.1
Hubner Seed	H4692RC2P	112	234	18.3	50.8
DEKALB	DKC65-99RIB	115	234	19.8	51.0
AXIS	63H27	113	233	18.9	53.0
Seed Consultants	SCS 1158AM™	115	232	19.5	52.5
LG Seeds	LG62C35VT2RIB	112	230	19.5	52.2
Dyna-Gro	D54VC14	114	228	18.7	52.7
Seed Consultants	SCS 1141AM™	114	223	20.9	51.5
Progeny	PGY 2025DG	115	223	21.3	51.1
LG Seeds	LG5643VT2RIB	114	222	19.2	51.5
Hubner Seed	H4663RC2P	113	219	18.8	50.1
DEKALB	DKC62-53RIB	112	218	18.2	50.9
Progeny	PGY 9114VT2P	114	208	19.5	52.6
Progeny	PGY 2015VT2P	115	207	18.8	53.3
DEKALB	DKC64-64RIB	114	205	19.2	51.6
Dyna-Gro	D52DC82	112	204	17.5	51.5
AXIS	65T29	115	199	18.2	53.8
NK Brand	NK1239-5122	112	186	23.1	49.6
Seed Consultants	SCS 1121AM™	112	185	18.0	52.3
Progeny	PGY EXP1913	113	180	19.6	52.1
	Maturity Average		219	19.5	51.7
	L.S.D. (0.05)		35	2.4	1.1
	C.V.		10	7.4	1.2
>115 Days Relative Maturity					
Seed Consultants	SCS 1188AM™	118	251	21.9	51.5
NK Brand	NK1748-3110	117	246	23.2	50.9

Seed Consultants	SCS 1170AM™	117	244	20.6	51.4
DEKALB	DKC69-99RIB	119	239	20.9	52.3
DEKALB	DKC67-44RIB	117	234	20.7	52.2
NK Brand	NK1677-3110	116	228	20.3	49.8
DEKALB	DKC70-27RIB	120	225	23.2	52.1
Hubner Seed	H4828RC2P	116	222	20.2	52.2
Seed Consultants	SCS 1168AM™	116	221	19.8	51.0
Hubner Seed	H4890RC2P	117	220	20.5	52.6
DEKALB	DKC68-69RIB	118	215	22.2	52.1
Seed Consultants	SCS 1160YHR™	117	200	21.7	52.2
DEKALB	DKC66-18RIB	116	194	20.1	50.9
Progeny	PGY 8116SS	116	193	21.3	52.4
LG Seeds	LG66C32VT2RIB	116	189	21.5	52.2
Progeny	PGY 9117VT2P	117	179	21.8	52.1
Maturity Average			219	21.2	51.7
L.S.D. (0.05)			48	2.4	1.4
C.V.			13	6.7	1.5
Location Average			216	19.9	51.7

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Note: Planted April 22, 2020. Harvested September 23, 2020. Population was 24,626 plants/acre.

Table 18. Two-year average corn yields at the Northern Piedmont Center in Orange, Virginia, 2019 and 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
DEKALB	DKC59-82RIB	109	168	16.0	51.7
AXIS	59A25	109	168	16.7	53.0
Hubner Seed	H4563RC2P	111	143	16.6	53.4
	Maturity Average		160	16.5	52.7
	L.S.D. (0.05)		15	0.8	1.8
	C.V.		8	4.1	2.8
112-115 Days Relative Maturity					
DEKALB	DKC65-95RIB	115	177	17.3	53.3
Dyna-Gro	D54VC14	114	176	16.6	53.9
Hubner Seed	H4763RC2P	115	173	17.8	53.3
DEKALB	DKC65-99RIB	115	172	16.9	52.5
Seed Consultants	SCS 1158AM™	115	167	17.2	53.5
Hubner Seed	H4663RC2P	113	166	16.2	52.2
DEKALB	DKC62-53RIB	112	166	15.7	52.8
Hubner Seed	H4692RC2P	112	164	16.1	52.1
LG Seeds	LG5643VT2RIB	114	163	16.6	52.9
Progeny	PGY 9114VT2P	114	156	16.8	53.5
Progeny	PGY 2025DG	115	149	17.5	51.9
Progeny	PGY EXP1913	113	138	16.5	53.1
	Maturity Average		164	16.8	52.9
	L.S.D. (0.05)		18	1.2	1.0
	C.V.		10	6.1	1.5
>115 Days Relative Maturity					
Hubner Seed	H4890RC2P	117	173	18.4	54.0
DEKALB	DKC67-44RIB	117	165	18.3	53.0
DEKALB	DKC66-18RIB	116	153	17.2	52.9
DEKALB	DKC70-27RIB	120	152	20.0	53.1
Progeny	PGY 9117VT2P	117	151	19.1	53.7
LG Seeds	LG66C32VT2RIB	116	149	18.2	54.3
Seed Consultants	SCS 1188AM™	118	146	17.4	54.4
	Maturity Average		156	18.4	53.6
	L.S.D. (0.05)		30	1.8	1.1
	C.V.		16	8.7	1.7
	Location Average		161	17.2	53.1

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 19. Three-year average corn yields at the Northern Piedmont Center in Orange, Virginia, 2018-2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	128	16.9	53.4
112-115 Days Relative Maturity					
DEKALB	DKC65-95RIB	115	175	18.1	53.1
Seed Consultants	SCS 1158AM™	115	165	18.1	52.7
Hubner Seed	H4663RC2P	113	163	17.3	52.2
DEKALB	DKC62-53RIB	112	158	16.4	52.7
Progeny	PGY 9114VT2P	114	147	17.7	53.1
	Maturity Average		161	17.5	52.8
	L.S.D. (0.05)		19	0.8	0.9
	C.V.		12	5.0	1.7
>115 Days Relative Maturity					
Hubner Seed	H4890RC2P	117	171	18.7	54.4
DEKALB	DKC70-27RIB	120	169	20.3	53.1
Progeny	PGY 9117VT2P	117	150	19.7	53.2
DEKALB	DKC67-44RIB	117	149	18.6	52.9
	Maturity Average		160	19.3	53.4
	L.S.D. (0.05)		29	1.9	1.9
	C.V.		19	10.1	3.5
	Location Average		158	18.2	53.1

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Table 20. Corn Yields at the Dove Farm in Rockingham County, Virginia in 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co.¹	Yield² bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity					
Mid-Atlantic	MA8091VT2PRIB	107	163	16.8	54.9
108-111 Days Relative Maturity					
Seed Consultants	SCS 1091AM™	109	160	16.6	54.7
DEKALB	DKC61-41RIB	111	160	14.9	53.2
MorCorn	MC 3952	109	157	16.3	55.3
NK Brand	NK1082-5222	110	155	16.8	52.9
Mid-Atlantic	MA8106VT2P	110	154	17.2	54.4
LG Seeds	LG59C72VT2RIB	109	152	16.2	52.1
DEKALB	DKC59-82RIB	109	142	15.9	55.2
Mid-Atlantic	MA8117TRE	111	141	15.9	54.1
Hubner Seed	H4563RC2P	111	138	18.6	54.0
Local Seed	LC0999 VT2P	109	136	15.9	55.8
Hubner Seed	H09G056	109	126	20.4	---
	Maturity Average		147	16.8	54.2
	L.S.D. (0.05)		44	2.4	1.2
	C.V.		17	8.2	1.1
112-115 Days Relative Maturity					
DEKALB	DKC65-99RIB	115	182	18.0	54.3
DEKALB	DKC63-91RIB	113	177	16.4	53.5
Progeny	PGY 2012VT2P	112	173	15.7	54.1
Augusta	A4463	113	173	17.2	53.3
LG Seeds	LG5643VT2RIB	114	171	18.2	53.4
Seed Consultants	SCS 1141AM™	114	170	21.3	52.7
DEKALB	DKC64-64RIB	114	168	16.6	54.1
Local Seed	LC1497 DGV2P	114	168	16.5	53.8
Local Seed	LC1488 VT2P	114	165	18.0	53.8
Mid-Atlantic	MA8141DGV2P	114	165	19.4	53.3
DEKALB	DKC65-95RIB	115	165	17.0	55.6
Mid-Atlantic	MA8158SS	115	164	18.6	55.8
Hubner Seed	H4763RC2P	115	164	19.3	54.5
Mid-Atlantic	MA8128VT2PRIB	112	164	17.3	54.2
MorCorn	MC 4319	113	163	18.4	53.8
Local Seed	LC1577 VT2P	115	162	17.2	55.5
LG Seeds	LG62C35VT2RIB	112	162	17.7	54.4
Local Seed	LCX14-20 VT2P	114	160	18.3	53.2
Augusta	A7162	112	159	15.8	54.5
Progeny	PGY EXP1913	113	159	17.3	55.0
Hubner Seed	H4692RC2P	112	158	17.2	52.4
Progeny	PGY 9114VT2P	114	158	16.9	56.0
Local Seed	LC1289 VT2P	112	157	16.1	53.3

Hubner Seed	H4663RC2P	113	156	16.3	53.3
Progeny	PGY 2025DG	115	153	18.5	54.3
Local Seed	LC1398 VT2P	113	151	17.5	54.5
Mid-Atlantic	MA5155GT3VIP	115	150	19.6	55.5
DEKALB	DKC62-53RIB	112	148	15.7	53.6
Progeny	PGY 2015VT2P	115	139	15.2	57.1
NK Brand	NK1239-5122	112	138	18.5	52.9
Seed Consultants	SCS 1121AM™	112	133	18.5	53.0
Seed Consultants	SCS 1158AM™	115	129	18.8	52.9
MorCorn	MC 4255	112	120	15.2	54.3
Maturity Average			158	17.5	54.1
L.S.D. (0.05)			28	1.7	1.5
C.V.			11	6.3	1.7
>115 Days Relative Maturity					
Hubner Seed	H4828RC2P	116	180	18.2	54.3
DEKALB	DKC66-18RIB	116	176	18.4	54.4
DEKALB	DKC67-44RIB	117	176	17.2	54.7
Seed Consultants	SCS 1160YHR™	117	174	20.8	54.7
DEKALB	DKC70-27RIB	120	163	20.0	53.4
Hubner Seed	H4890RC2P	117	163	18.9	55.2
DEKALB	DKC69-99RIB	119	162	16.2	56.6
NK Brand	NK1748-3110	117	151	18.5	53.0
MorCorn	MC 4670	116	149	16.5	55.5
DEKALB	DKC68-69RIB	118	149	21.0	53.5
Seed Consultants	SCS 1168AM™	116	148	20.0	53.0
Local Seed	LC1697 VT2P	116	143	17.8	55.2
Local Seed	LC1898 TC	118	143	15.9	56.5
LG Seeds	LG66C32VT2RIB	116	142	17.4	54.6
MorCorn	MC 4725	117	136	19.1	54.4
Seed Consultants	SCS 1170AM™	117	134	18.2	54.7
NK Brand	NK1677-3110	116	130	18.3	53.1
Progeny	PGY 9117VT2P	117	128	17.7	54.9
Progeny	PGY 8116SS	116	127	15.5	56.1
Seed Consultants	SCS 1188AM™	118	110	20.6	53.3
Maturity Average			149	18.3	54.5
L.S.D. (0.05)			31	1.9	1.7
C.V.			14	6.7	1.9
Location Average			154	17.6	54.3

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

Note: Planted May 15, 2020. Harvested October 22, 2020. Population was 26,360 plants/acre.

Table 21. Two-year average corn yields in Rockingham County, Virginia, 2019 and 2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity					
Mid-Atlantic	MA8091VT2PRIB	107	173	15.8	55.5
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	149	16.6	55.6
DEKALB	DKC59-82RIB	109	148	15.1	55.4
	Maturity Average		149	15.8	55.5
	L.S.D. (0.05)		33	1.6	1.5
	C.V.		12	5.7	1.5
112-115 Days Relative Maturity					
DEKALB	DKC65-99RIB	115	176	16.2	55.9
DEKALB	DKC65-95RIB	115	175	15.8	57.3
Progeny	PGY 2012VT2P	112	174	15.1	55.5
Progeny	PGY 2025DG	115	172	16.6	56.3
Progeny	PGY 9114VT2P	114	172	15.6	57.1
Hubner Seed	H4663RC2P	113	167	15.4	54.8
Progeny	PGY EXP1913	113	166	16.0	55.8
Seed Consultants	SCS 1158AM™	115	166	16.3	55.7
LG Seeds	LG5643VT2RIB	114	165	16.2	55.3
Hubner Seed	H4763RC2P	115	165	16.9	56.1
Hubner Seed	H4692RC2P	112	161	15.8	54.0
DEKALB	DKC62-53RIB	112	160	15.2	56.0
Mid-Atlantic	MA8128VT2PRIB	112	156	15.7	55.1
	Maturity Average		167	15.9	55.7
	L.S.D. (0.05)		18	0.9	0.8
	C.V.		10	5.3	1.3
>115 Days Relative Maturity					
DEKALB	DKC66-18RIB	116	176	16.6	56.2
Hubner Seed	H4890RC2P	117	175	17.2	56.7
DEKALB	DKC67-44RIB	117	173	15.8	56.3
LG Seeds	LG66C32VT2RIB	116	165	16.3	56.7
DEKALB	DKC70-27RIB	120	165	16.9	56.2
Progeny	PGY 9117VT2P	117	152	16.3	56.5
Seed Consultants	SCS 1188AM™	118	150	17.6	55.9
	Maturity Average		165	16.7	56.3
	L.S.D. (0.05)		26	1.0	1.1
	C.V.		14	5.4	1.7
	Location Average		165	16.1	55.9

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.² Reported at 15.5% moisture.

Table 22. Three-year average corn yields in Rockingham County, Virginia, 2018-2020 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. ¹	Yield ² bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity					
Mid-Atlantic	MA8091VT2PRIB	107	159	15.9	55.3
108-111 Days Relative Maturity					
Hubner Seed	H4563RC2P	111	139	16.6	55.8
112-115 Days Relative Maturity					
DEKALB	DKC65-95RIB	115	171	15.8	57.0
Seed Consultants	SCS 1158AM™	115	160	16.1	55.5
Hubner Seed	H4663RC2P	113	159	15.3	54.9
DEKALB	DKC62-53RIB	112	156	15.4	56.3
Progeny	PGY 9114VT2P	114	154	15.9	56.9
	Maturity Average		160	15.7	56.1
	L.S.D. (0.05)		17	0.7	0.7
	C.V.		12	4.9	1.3
>115 Days Relative Maturity					
Hubner Seed	H4890RC2P	117	162	16.8	56.1
DEKALB	DKC70-27RIB	120	155	16.8	56.0
DEKALB	DKC67-44RIB	117	152	16.1	56.1
Progeny	PGY 9117VT2P	117	146	16.0	55.9
	Maturity Average		154	16.4	56.0
	L.S.D. (0.05)		18	0.6	0.7
	C.V.		12	3.6	1.3
	Location Average		156	16.1	56.0

¹ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

² Reported at 15.5% moisture.

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