



## Virginia Corn Hybrid and Management Trials in 2022

*Authored by Joshua Mott, Research Associate School of Plant and Environmental Sciences, Virginia Tech; Caleb Bishop, Research Specialist, School of Plant and Environmental Sciences, Virginia Tech; Wade Thomason, Former Extension Specialist, School of Plant and Environmental Sciences, Virginia Tech*

*Other contributors: Phillip Browning, Manager, Virginia Crop Improvement Association Foundation Seed Farm; Doug Horn, Extension Agent, Rockingham County; Jason Stuth, Jaylin Farms; Karl Jones, Agricultural Manager Senior, Tidewater Agricultural Research and Extension Center; Ned Jones, Farm Manager, Southern Piedmont Agricultural Research and Extension Center; Greg Lillard, Farm Managers, Northern Piedmont Center; Brooks Saville, Agricultural Program Coordinator, College Farm, Virginia Tech*

### Companies Participating in the 2022 Corn Hybrid Trials

Company	Brand	Address
Augusta Seed	Augusta Seed	PO Box 899, Verona, VA 24482
Bayer	DEKALB, Hubner	800 N Lindbergh Blvd., St Louis, MO 63167
Corteva Agrisciences	Pioneer	PO Box 1000, Johnston, IA 50131
GROWMARK	FS	1529 Hwy 193, Wynne, AR 72396
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

Appreciation is expressed to the Virginia Corn Check-Off Board for financial support of this research and the Virginia Extension corn program

# Table of Contents

Introduction .....	3
2022 Virginia Corn Hybrid Trial plot information .....	4
Table 1. List of hybrids in the 2022 Virginia Corn Hybrid Trial.....	6
Handy Bt Trait Table.....	10
Table 2. 2022 Relative yield of hybrids entered in three or more locations .....	12
Table 3. Two-year average relative yield of hybrids entered in three or more locations each year.....	15
Table 4. Three-year average relative yield of hybrids entered in three or more locations each year.....	16
Table 5. Yields at Blacksburg, VA in 2022 .....	17
Table 6. Two-year average yields at Blacksburg, VA in 2021 and 2022.....	19
Table 7. Three-year average yields at Blacksburg, VA, 2020-2022 .....	20
Table 8. Yields at Blackstone, VA in 2022.....	21
Table 9. Two-year average yields at Blackstone, VA in 2021 and 2022 .....	23
Table 10. Three-year average yields at Blackstone, VA, 2020-2022.....	24
Table 11. Yields at Holland, VA in 2022 .....	25
Table 12. Two-year average yields at Holland, VA in 2021 and 2022.....	28
Table 13. Three-year average yields at Holland, VA, 2020-2022 .....	29
Table 14. Yields at Mt. Holly, VA in 2022 (irrigated) .....	30
Table 15. Two-year average yields at Mt. Holly, VA (irrigated) in 2021 and 2022.....	33
Table 16. Yields at Mt. Holly, VA in 2022 (dryland conditions) .....	35
Table 17. Two-year average yields at Mt. Holly, VA (dryland conditions) in 2021 and 2022.....	38
Table 18. Three-year average yields at Mt. Holly, VA (dryland conditions), 2020-2022 .....	40
Table 19. Yields at Orange, VA in 2022 .....	41
Table 20. Two-year average yields at Orange, VA in 2021-2022 .....	43
Table 21. Three-year average yields at Orange, VA, 2020-2022 .....	44
Table 22. Yields at Shenandoah Valley in Rockingham County, VA in 2022 .....	45
Table 23. Two-year average yields at Shenandoah Valley in Rockingham County, VA in 2021-2022 .....	47
Table 24. Three-year average yields at Shenandoah Valley in Rockingham County, VA, 2020-2022 .....	48

# Introduction

## Background Information

Performance trials of commercial corn hybrids were conducted at six locations in Virginia in 2022. 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.

## 2022 Virginia Corn Hybrid Plot Information (Rates are on a per acre basis.)

### Blacksburg Kentland Farm

**Planted:** May 5, 2022 no-till  
**Harvested:** October 12, 2022  
**Population:** 24,605 plants/acre  
**Pesticide:** 2 qt glyphosate; 1 pt atrazine 4L + 3 qt 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, 2022  
**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 22, 2022 conventional tillage  
**Harvested:** Attempted September 7, 2022 (high moisture), Completed September 21, 2022.  
**Population:** 24,132 plants/acre  
**Pesticide:** 2.5qt Bicep on April 25, 2022  
**Fertilizer:** 1000 lbs 10-10-10 on April 12, 2022; 60 lbs UAN top-dressed 5/23/2022.  
**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 11, 2022 no-till  
**Harvested:** September 7, 2022  
**Population:** 25,927 plants/acre  
**Pesticide:** 1 qt glyphosate + 1 pt 2,4-D + 1 qt Liberty March 29, 2022; 1 qt Bicep® + 2 pt Simazine April 8, 2022  
**Fertilizer:** 400 lbs 15-10-15 April 4, 2022; 60gal 24-0-0-3 side-dressed May 26, 2022  
**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 21, 2022 no-till into soybean stubble  
**Harvested:** September 18, 2022  
**Population:** 26,036 plants/acre  
**Pesticide:** 1.5 qt Acuron® + 1 qt Princep® preplant; 24 oz Acuron® + 2 oz dicamba post-plant + 1 pt atrazine top-dressed;  
**Fertilizer:** 60 lbs N preplant; 60lbs N on 5/31/2022; 60lbs N on 6/6/2022  
**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 21, 2022 no-till into soybean stubble  
**Harvested:** September 19, 2022  
**Population:** 29,795 plants/acre  
**Pesticide:** 1.5 qt Acuron® + 1 qt Princep® preplant; 24 oz Acuron® + 2 oz dicamba post-plant + 1 pt atrazine top-dressed;  
**Fertilizer:** 60 lbs N preplant; 80lbs N on 5/30/2022 side-dressed, 80lbs N on 6/08/2022 side-dressed; 60lbs N on 6/30/2022 applied with center pivot.  
**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 28, 2022 no-till into soybean stubble  
**Harvested:** September 23, 2022  
**Pesticide:** 1.5 qt Lumax® + 2 qt glyphosate + 1 pt atrazine April 20, 2022; .67 oz Accent on April 20, 2022  
**Fertilizer:** 183 lbs 30-60-20 April 28, 2022; 100 lb N June 15, 2020  
**Population:** 24,111 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 Jason Stuth of Jaylin Farms.)**

**Planted:** April 28, 2022 no-till  
**Harvested:** October 4, 2022  
**Population:** 26,066 plants/acre  
**Pesticide:** 16 oz dicamba, 1 qt glyphosate, 1.5 pint Empyros, 1pt/100gal adjuvant at preplant; 44.5 oz Miravis Neo, 1 gal Coron, 1.92 oz Warrior at tasseling.  
**Fertilizer:** 100 lbs N, 80 lbs P, 120 lbs K preplant; 125lbs 32% UAN sidedressed.  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Previous crop:** Fallow after soybeans in 2021  
**Cooperators:** Doug Horn and Jason Stuth

Table 1. List of hybrids in the 2022 Virginia Corn Hybrid & Management Trials

<b>Brand</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Insecticide</b>	<b>Genetics</b>
Augusta	A3363	113	CruiserMaxx® 250	VT Double PRO®
Augusta	A1060	114	CruiserMaxx® 250	VT Double PRO®
Augusta	A1964	114	CruiserMaxx® 250	Agrisure Viptera 3110 (VR)
Augusta	A6664	114	CruiserMaxx® 250	VT Double PRO®
Augusta	A1265	115	CruiserMaxx® 250	Agrisure Viptera 3220 EZ Refuge
Augusta	A1465	115	CruiserMaxx® 250	VT Double PRO®
Augusta	A1466	116	CruiserMaxx® 250	Agrisure Viptera 3220 EZ Refuge
Augusta	A7168	118	CruiserMaxx® 250	VT Double PRO®
DEKALB	DKC59-82RIB	109	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC61-41RIB	111	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC62-70RIB	112	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC63-91RIB	113	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC64-65RIB	114	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC65-95RIB	115	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC66-04RIB	116	Acceleron® 500 Elite	SmartStax® RIB Complete®
DEKALB	DKC67-44RIB	117	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC68-35RIB	118	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
DEKALB	DKC68-48RIB	118	Acceleron® 500 Elite	SmartStax® RIB Complete®
DEKALB	DKC70-27RIB	120	Acceleron® 500 Elite	VT Double PRO® RIB Complete®
Dyna-Gro	D50VC09RIB	110	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO® RIB Complete®

Table 1. List of hybrids in the 2022 Virginia Corn Hybrid & Management Trials

<b>Brand</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Insecticide</b>	<b>Genetics</b>
Dyna-Gro	D52VC63RIB	112	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO® RIB Complete®
Dyna-Gro	D53TC23	113	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	Trecepta®
Dyna-Gro	D54VC14	114	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO®
Dyna-Gro	D54VC34RIB	114	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO® RIB Complete®
Dyna-Gro	D57TC29RIB	117	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	Trecepta® RIB Complete
Dyna-Gro	D57VC53	117	Acceleron® 500/Poncho® 500/VOTiVO®500 EDC	VT Double PRO®
FS	FS 6017V RIB	110		VT Double PRO® RIB Complete®
FS	FS 6217T RIB	112		Trecepta® RIB Complete
FS	FS 62ZV1 RIB	112		VT Double PRO® RIB Complete®
FS	FS 62ZX1 RIB	112		STX RIB
FS	FS 6306T RIB	113		Trecepta® RIB Complete
FS	GX 7104V RIB	114		VT Double PRO® RIB Complete®
FS	FS 6595V RIB	115		VT Double PRO® RIB Complete®
FS	FS 6595X RIB	115		SmartStax® RIB Complete®
FS	FS 65R87VT2P	115		VT Double PRO® RIB Complete®
FS	FS 6627T RIB	116		Trecepta® RIB Complete
FS	FS 6818V RIB	118		VT Double PRO® RIB Complete®
FS	FS 6818X RIB	118		SmartStax® RIB Complete®
Hubner Seed	H0881D	108	Poncho® 500/VOTiVO®	VT Double PRO® RIB Complete®
Hubner Seed	H09G056	109	Poncho® 500/VOTiVO®	VT Double PRO® RIB Complete®
Hubner Seed	H4563RC2P	111	Poncho® 250/VOTiVO®	VT Double PRO® RIB Complete®
Hubner Seed	H13G513	113	Poncho® 500/VOTiVO®	VT Double PRO® RIB Complete®



Table 1. List of hybrids in the 2022 Virginia Corn Hybrid & Management Trials

<b>Brand</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Insecticide</b>	<b>Genetics</b>
Hubner Seed	H4763RC2P	115	Poncho® 250/VOTiVO®	VT Double PRO® RIB Complete®
Hubner Seed	H4828RC2P	116	Poncho® 500/VOTiVO®	VT Double PRO® RIB Complete®
Hubner Seed	H1880D	118	Poncho® 500/VOTiVO®	VT Double PRO® RIB Complete®
Mid-Atlantic	MA8091VT2PRIB	109	CruiserMaxx® 250	VT Double PRO® RIB Complete®
Mid-Atlantic	MA8108VT2PRIB	110	CruiserMaxx® 250	VT Double PRO® RIB Complete®
Mid-Atlantic	MA8110TRECIB	111	CruiserMaxx® 250	Trecepta® RIB Complete
Mid-Atlantic	MA5124VIP3110	112	CruiserMaxx® 250	Agrisure Viptera3110
Mid-Atlantic	MA8128VT2PRIB	112	CruiserMaxx® 250	VT Double PRO® RIB Complete®
Mid-Atlantic	MA8132VT2PRIB	113	CruiserMaxx® 250	VT Double PRO® RIB Complete®
Mid-Atlantic	MA8136VT2PRIB	113	CruiserMaxx® 250	VT Double PRO® RIB Complete®
Mid-Atlantic	MA5144DCEZ	114	CruiserMaxx® 250	AgrisureDuracade5122 E-Z Genuity® DroughtGard™ VT Double PRO® RIB
Mid-Atlantic	MA8141DGVT2PRIB	114	CruiserMaxx® 250	VT Double PRO® RIB Complete®
Mid-Atlantic	MA8145VT2PRIB	114	CruiserMaxx® 250	VT Double PRO® RIB Complete®
Mid-Atlantic	MA5155VIP3110	115	CruiserMaxx® 250	Agrisure Viptera3110
MorCorn	MC 4161	111	Poncho® 1250/VOTiVO®	VT Double PRO®
MorCorn	MC 4311	113	Poncho® 1250/VOTiVO®	Trecepta®
MorCorn	MC 4527	115	Poncho® 1250/VOTiVO®	VT Double PRO®
MorCorn	MC 4725	117	Poncho® 1250/VOTiVO®	VT Double PRO®
NK Brand	NK1677-3110	116	Avicta Complete Corn 500/Vibrance/Vayantis	Agrisure Viptera 3110
NK Brand	NK1701-3220	117	Avicta Complete Corn 500/Vibrance/Vayantis	Agrisure Viptera 3220 EZ Refuge
NK Brand	NK1748-3110	117	Avicta Complete Corn 500/Vibrance/Vayantis	Agrisure 3010 (BR)

Table 1. List of hybrids in the 2022 Virginia Corn Hybrid & Management Trials

<b>Brand</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Insecticide</b>	<b>Genetics</b>
Pioneer Brand	P0935AM	109	LumiGen® 1250	AcreMax®
Pioneer Brand	P1464AML	114	LumiGen® 1250	AcreMax Leptra®
Pioneer Brand	P1847AML	118	LumiGen® 1250	AcreMax Leptra®
Seed Consultants	SC1093AM™	109	LumiGen®	AcreMax®
Seed Consultants	SC1112AM™	111	LumiGen®	AcreMax®
Seed Consultants	SC1122Q™	112	LumiGen®	QROME
Seed Consultants	SC1141AM™	114	LumiGen®	AcreMax®
Seed Consultants	SC1170AM™	117	LumiGen®	AcreMax®
Seed Consultants	SC1183AM™	118	LumiGen®	AcreMax®

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

Hybrids are arranged by Brand, then days to maturity.

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	W	C	R		G	L	E			
		C	E	C	A	S	C	W	A	B	W	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 TRIsect (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	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 TRIsect (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%

See bag tag. E20 = no E21 = yes

Leptra (VYHR)	Cry1Ab Cry1F Vip3A	x	x	x	x	x	x	x	x	x	x				x	x		5%
Powercore <sup>a</sup> (PW) PW Refuge Advanced <sup>b</sup> (PWRA)	Cry1A.105/Cry2Ab2 Cry1F	x	x	x	x	x	x	x	x					CEW WBC	x	x		<sup>a</sup> 5% <sup>b</sup> 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 <sup>a</sup> (SX,STX or SS) STX Refuge Advanced <sup>b</sup> (SXRA) STX RIB Complete <sup>b</sup> (STXRIB)	Cry1A.105/Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	x	x	x	x	x	x	x				x	CEW WBC NCR WCR	x	x		<sup>a</sup> 5% <sup>b</sup> 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 <sup>a</sup> (TRE) Trecepta RIB Complete <sup>b</sup> (TRERIB)	Cry1A.105/Cry2Ab2 Vip3A	x	x	x	x	x	x	x	x	x				x			<sup>a</sup> 5% <sup>b</sup> 5% in bag	
TRisect (CHR)	Cry1F mCry3A	x		x	x	x	x	x				x	ECB FAW SWB WBC WCR	x	x		20%	
VT DoublePRO <sup>a</sup> (VT2P) VT2P RIB Complete <sup>b</sup> (VT2PRIB)	Cry1A.105/Cry2Ab2		x	x	x	x	x	x					CEW	x			<sup>a</sup> 5% <sup>b</sup> 5% in bag	
VT TriplePRO <sup>c</sup> (VT3P) VT3P RIB Complete <sup>d</sup> (VT3PRIB)	Cry1A.105/Cry2Ab2 Cry3Bb1		x	x	x	x	x	x				x	CEW NCR WCR	x			<sup>c</sup> 20% <sup>d</sup> 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. 2022 Relative yield of corn hybrids entered in three or more locations - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Holland</b>	<b>Mt Holly Irr.</b>	<b>Mt Holly Dryland</b>	<b>Blacks- burg</b>	<b>Orange</b>	<b>Shenan- doah</b>	<b>Mean</b>
<b>108-111 Days Relative Maturity</b>									
MorCorn	MC 4161	111	120	110	102	---	---	---	111
Mid-Atlantic	MA8110TRECIB	111	99	118	109	102	123	97	108
Dyna-Gro	D50VC09RIB	110	100	106	96	---	123	---	106
FS	FS 6017V RIB	110	90	103	109	---	118	---	105
Hubner Seed	H09G056	109	90	109	105	95	85	105	98
DEKALB	DKC59-82RIB	109	98	102	92	84	111	101	98
Pioneer Brand	P0935AM	109	92	100	103	99	97	96	98
Seed Consultants	SC1093AM™	109	84	93	102	---	115	92	97
Hubner Seed	H0881D	108	110	96	97	106	79	91	96
DEKALB	DKC61-41RIB	111	107	109	100	70	94	98	96
Seed Consultants	SC1112AM™	111	89	107	105	---	68	103	94
Mid-Atlantic	MA8108VT2PRIB	110	91	93	100	99	91	91	94
Mid-Atlantic	MA8091VT2PRIB	109	118	99	99	66	73	94	91
Hubner Seed	H4563RC2P	111	76	90	87	100	84	104	90
<b>112-115 Days Relative Maturity</b>									
FS	FS 6306T RIB	113	139	106	106	---	127	---	119
Hubner Seed	H13G513	113	104	103	100	117	121	98	107
Augusta	A6664	114	110	98	101	---	119	---	107
MorCorn	MC 4527	115	123	99	99	---	---	---	107
DEKALB	DKC65-95RIB	115	112	103	100	106	117	104	107
Augusta	A1465	115	119	101	97	---	---	---	106
Mid-Atlantic	MA8136VT2PRIB	113	100	97	94	138	105	98	105
Mid-Atlantic	MA8145VT2PRIB	114	113	104	102	84	135	90	105
DEKALB	DKC63-91RIB	113	86	94	101	122	119	104	104
Mid-Atlantic	MA8128VT2PRIB	112	102	101	92	121	110	99	104
Augusta	A3363	113	121	95	97	---	---	---	104
FS	FS 65R87VT2P	115	107	96	94	---	115	---	103
FS	GX 7104V RIB	114	112	111	103	---	85	---	103

Table 2. 2022 Relative yield of corn hybrids entered in three or more locations - Virginia Tech Trials.

Brand/Company	Hybrid	DTM	Mt Holly		Blacks-	Shenan-		Mean	
		per Co. <sup>1</sup>	Holland	Irr.	Dryland	burg	Orange		doah
FS	FS 6595V RIB	115	112	113	105	---	80	---	103
Augusta	A1964	114	113	103	91	---	---	---	102
Mid-Atlantic	MA5144DCEZ	114	101	100	95	113	107	99	102
Mid-Atlantic	MA8132VT2PRIB	113	85	96	107	110	118	95	102
DEKALB	DKC62-70RIB	112	99	102	101	103	91	108	101
Dyna-Gro	D54VC34RIB	114	91	111	98	---	102	---	100
Dyna-Gro	D53TC23	113	94	103	95	---	106	---	99
Seed Consultants	SC1141AM™	114	118	96	96	---	91	94	99
Hubner Seed	H4763RC2P	115	102	108	108	82	88	105	99
Dyna-Gro	D52VC63RIB	112	91	103	102	---	95	---	98
Seed Consultants	SC1122Q™	112	102	103	102	---	89	92	98
MorCorn	MC 4311	113	78	106	106	---	---	---	97
Mid-Atlantic	MA5155VIP3110	115	99	97	97	68	114	106	97
DEKALB	DKC64-65RIB	114	82	95	98	103	99	103	97
FS	FS 62ZV1 RIB	112	101	108	93	---	81	---	96
Dyna-Gro	D54VC14VT2P	114	79	100	100	---	103	---	95
Mid-Atlantic	MA8141DGVT2PRIB	114	86	97	109	79	97	95	94
Mid-Atlantic	MA5124VIP3110	112	96	103	101	66	88	102	93
Pioneer Brand	P1464AML	114	88	104	107	56	91	105	92
Augusta	A1060	114	104	86	94	99	54	89	88
FS	FS 6217T RIB	112	59	92	88	---	102	---	85
Augusta	A1265	115	74	91	89	---	---	---	85
<b>&gt;115 Days Relative Maturity</b>									
DEKALB	DKC68-35RIB	118	128	107	110	130	150	104	121
FS	FS 6627T RIB	116	115	114	114	---	127	---	117
FS	FS 6818V RIB	118	136	107	104	---	98	---	111
Hubner Seed	H1880D	118	103	116	109	126	92	118	111

Table 2. 2022 Relative yield of corn hybrids entered in three or more locations - Virginia Tech Trials.

Brand/Company	Hybrid	DTM	Mt Holly		Blacks-	Shenan-		Mean	
		per Co. <sup>1</sup>	Holland	Irr.	Dryland	burg	Orange		doah
NK Brand	NK1677-3110	116	---	102	93	118	125	---	110
DEKALB	DKC70-27RIB	120	79	107	106	102	117	111	104
DEKALB	DKC68-48RIB	118	122	91	96	91	117	101	103
Pioneer Brand	P1847AML	118	123	114	91	101	83	101	102
DEKALB	DKC66-04RIB	116	99	101	105	138	60	106	101
MorCorn	MC 4725	117	95	107	98	---	---	---	100
NK Brand	NK1748-3110	117	---	100	88	86	126	---	100
Seed Consultants	SC1170AM™	117	101	101	98	---	95	101	99
Dyna-Gro	D57TC29RIB	117	115	109	98	---	73	---	99
Dyna-Gro	D57VC53	117	122	87	104	---	81	---	98
Seed Consultants	SC1183AM™	118	104	108	111	---	56	97	95
DEKALB	DKC67-44RIB	117	80	112	109	74	99	95	95
FS	FS 6818X RIB	118	---	---	---	87	---	102	95
Hubner Seed	H4828RC2P	116	77	88	104	123	73	103	95
Augusta	A7168	118	76	96	106	---	---	---	93
NK Brand	NK1701-3220	117	---	87	88	79	98	---	88
Augusta	A1466	116	78	89	94	---	---	---	87

<sup>1</sup> 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.

Table 3. Two-year average relative yield (2022 and 2021) of corn hybrids entered in three or more locations - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Number of Obs. <sup>2</sup></b>	<b>Mean</b>
<b>108-111 Days Relative Maturity</b>				
Mid-Atlantic	MA8110TRECIB	111	8	108
Seed Consultants	SC1112AM™	111	12	106
Hubner Seed	H09G056	109	14	104
MorCorn	MC 4161	111	8	102
DEKALB	DKC61-41RIB	111	14	99
DEKALB	DKC59-82RIB	109	14	98
Hubner Seed	H4563RC2P	111	14	96
<b>112-115 Days Relative Maturity</b>				
FS	FS 6306T RIB	113	10	113
DEKALB	DKC65-95RIB	115	14	107
Dyna-Gro	D54VC34RIB	114	10	106
Mid-Atlantic	MA5155VIP3110	115	8	105
Hubner Seed	H13G513	113	14	105
FS	FS 6595V RIB	115	10	105
MorCorn	MC 4311	113	8	104
FS	FS 6595X RIB	115	4	103
Hubner Seed	H4763RC2P	115	14	103
FS	FS 65R87VT2P	115	10	103
FS	FS 62ZX1 RIB	112	4	102
Augusta	A3363	113	6	101
Mid-Atlantic	MA8128VT2PRIB	112	8	101
Dyna-Gro	D54VC14VT2P	114	8	101
FS	FS 62ZV1 RIB	112	10	100
DEKALB	DKC62-70RIB	112	14	100
Dyna-Gro	D52VC63RIB	112	8	99
Seed Consultants	SC1122Q™	112	12	99
DEKALB	DKC64-65RIB	114	14	98
Mid-Atlantic	MA8141DGVT2PRIB	114	8	95
<b>&gt;115 Days Relative Maturity</b>				
NK Brand	NK1677-3110	116	8	106
DEKALB	DKC70-27RIB	120	14	106
MorCorn	MC 4725	117	8	103
DEKALB	DKC67-44RIB	117	14	102
Seed Consultants	SC1170AM™	117	12	102
NK Brand	NK1748-3110	117	8	101
DEKALB	DKC68-48RIB	118	14	101
Hubner Seed	H4828RC2P	116	14	97
Pioneer Brand	P1847AML	118	14	97



Table 4. Three-year average relative yield (2022, 2021, and 2020) of corn hybrids entered in three or more locations - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Number of Obs. <sup>2</sup></b>	<b>Mean</b>
<b>108-111 Days Relative Maturity</b>				
DEKALB	DKC59-82RIB	109	20	97
DEKALB	DKC61-41RIB	111	20	94
Hubner Seed	H09G056	109	20	93
Hubner Seed	H4563RC2P	111	20	92
<b>112-115 Days Relative Maturity</b>				
Dyna-Gro	D54VC34RIB	114	14	112
DEKALB	DKC65-95RIB	115	20	111
Hubner Seed	H4763RC2P	115	20	108
Dyna-Gro	D54VC14VT2P	114	10	103
<b>&gt;115 Days Relative Maturity</b>				
NK Brand	NK1677-3110	116	12	108
DEKALB	DKC70-27RIB	120	20	106
NK Brand	NK1748-3110	117	12	105
MorCorn	MC 4725	117	11	102
Hubner Seed	H4828RC2P	116	20	102
DEKALB	DKC67-44RIB	117	20	101
Seed Consultants	SC1170AM™	117	17	99

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

<sup>2</sup> 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 Kentland Farm at Blacksburg, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H0881D	108	150	15.4	53.0
Mid-Atlantic	MA8110TRECIB	111	144	13.8	53.9
Hubner Seed	H4563RC2P	111	141	16.4	52.0
Pioneer Brand	P0935AM	109	141	14.8	52.9
Mid-Atlantic	MA8108VT2PRIB	110	140	16.3	54.7
Hubner Seed	H09G056	109	134	15.5	52.3
DEKALB	DKC59-82RIB	109	119	14.2	52.8
DEKALB	DKC61-41RIB	111	98	16.6	53.2
Mid-Atlantic	MA8091VT2PRIB	109	93	14.5	52.4
	Maturity Average		129	15.3	53.0
	L.S.D. (0.05)		30	2.8	1.9
	C.V.		11	11.0	2.1
<b>112-115 Days Relative Maturity</b>					
FS	FS 6595X RIB	115	202	17.9	54.5
Mid-Atlantic	MA8136VT2PRIB	113	195	15.2	51.5
FS	FS 62ZX1 RIB	112	174	13.6	53.4
DEKALB	DKC63-91RIB	113	172	14.8	52.5
Mid-Atlantic	MA8128VT2PRIB	112	172	14.5	52.2
Hubner Seed	H13G513	113	166	15.3	53.1
Mid-Atlantic	MA5144DCEZ	114	160	18.7	51.5
Mid-Atlantic	MA8132VT2PRIB	113	156	17.9	53.9
DEKALB	DKC65-95RIB	115	150	17.5	53.9
DEKALB	DKC62-70RIB	112	146	15.4	55.4
DEKALB	DKC64-65RIB	114	145	15.5	53.1
Augusta	A1060	114	140	15.5	52.1
Mid-Atlantic	MA8145VT2PRIB	114	119	17.3	52.5
Hubner Seed	H4763RC2P	115	117	16.5	52.1
Mid-Atlantic	MA8141DGV2PRIB	114	112	14.6	52.2
Mid-Atlantic	MA5155VIP3110	115	96	22.0	54.7
Mid-Atlantic	MA5124VIP3110	112	93	16.0	54.6
Pioneer Brand	P1464AML	114	79	14.3	50.6
	Maturity Average		144	16.2	53.0
	L.S.D. (0.05)		32	2.8	2.0
	C.V.		10	9.9	2.0
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC66-04RIB	116	195	18.7	52.8
DEKALB	DKC68-35RIB	118	185	16.1	55.8
Hubner Seed	H1880D	118	178	18.2	52.7

Table 5. Corn yields at Kentland Farm at Blacksburg, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Hubner Seed	H4828RC2P	116	174	17.6	52.9
NK Brand	NK1677-3110	116	167	17.3	53.9
DEKALB	DKC70-27RIB	120	144	18.6	53.3
Pioneer Brand	P1847AML	118	143	19.1	53.2
DEKALB	DKC68-48RIB	118	129	17.6	52.2
FS	FS 6818X RIB	118	123	18.0	55.6
NK Brand	NK1748-3110	117	121	19.1	51.4
NK Brand	NK1701-3220	117	111	17.5	51.9
DEKALB	DKC67-44RIB	117	105	17.4	51.9
	Maturity Average		148	17.9	53.1
	L.S.D. (0.05)		27	2.5	2.7
	C.V.		8	7.1	2.6
	Location Average		142	17	53

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 5th, 2022. Harvested October 12, 2022. Population was 24,605 plants/acre.

Table 6. Corn yields at Kentland Farm at Blacksburg, Virginia, two-year average, 2021 and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H09G056	109	204	17.0	51.4
Hubner Seed	H4563RC2P	111	194	18.0	52.0
DEKALB	DKC61-41RIB	111	179	17.4	51.5
DEKALB	DKC59-82RIB	109	175	16.4	52.1
	Maturity Average		188	17.2	51.7
	L.S.D. (0.05)		8	1.5	0.9
	C.V.		3	8.1	1.6
<b>112-115 Days Relative Maturity</b>					
Hubner Seed	H13G513	113	216	17.9	52.2
DEKALB	DKC65-95RIB	115	210	19.1	53.0
FS	FS 6595X RIB	115	210	20.9	52.8
FS	FS 62ZX1 RIB	112	197	16.8	52.5
DEKALB	DKC62-70RIB	112	195	17.5	54.4
DEKALB	DKC64-65RIB	114	178	18.7	52.2
Hubner Seed	H4763RC2P	115	175	20.1	51.5
	Maturity Average		197	18.7	52.7
	L.S.D. (0.05)		20	1.6	1.0
	C.V.		9	7.7	1.6
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC70-27RIB	120	201	23.0	52.0
DEKALB	DKC68-48RIB	118	196	20.1	51.7
NK Brand	NK1677-3110	116	196	20.8	51.9
Hubner Seed	H4828RC2P	116	193	19.7	52.0
NK Brand	NK1748-3110	117	191	22.0	50.5
Pioneer Brand	P1847AML	118	182	18.9	53.9
DEKALB	DKC67-44RIB	117	175	19.1	52.4
	Maturity Average		191	20.5	52.0
	L.S.D. (0.05)		17	1.3	1.3
	C.V.		7	5.6	2.1
	Location Average		193	19	52

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

2 Reported at 15.5% moisture.

Table 7. Corn yields at Kentland Farm at Blacksburg, Virginia, three-year average, 2020, 2021, and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H4563RC2P	111	177	18.2	52.0
Hubner Seed	H09G056	109	162	18.0	50.9
DEKALB	DKC59-82RIB	109	147	16.4	52.1
DEKALB	DKC61-41RIB	111	124	16.5	51.0
	Maturity Average		153	17.3	51.5
	L.S.D. (0.05)		12	1.9	0.8
	C.V.		7	11.4	1.5
<b>112-115 Days Relative Maturity</b>					
DEKALB	DKC65-95RIB	115	203	19.7	52.6
Hubner Seed	H4763RC2P	115	188	20.3	51.6
	Maturity Average		196	20.0	52.1
	L.S.D. (0.05)		12	1.7	1.2
	C.V.		5	7.7	2.1
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC70-27RIB	120	205	23.0	51.3
NK Brand	NK1677-3110	116	200	20.5	50.9
Hubner Seed	H4828RC2P	116	193	19.9	51.8
NK Brand	NK1748-3110	117	193	21.3	50.1
DEKALB	DKC67-44RIB	117	183	19.1	52.3
	Maturity Average		195	20.7	51.3
	L.S.D. (0.05)		14	1.0	0.8
	C.V.		8	5.2	1.7
	Location Average		180	19	52

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

<sup>2</sup> Reported at 15.5% moisture.

Table 8. Corn yields at the Southern Piedmont AREC at Blackstone, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Dyna-Gro	D50VC09RIB	110	112	16.1	53.9
Hubner Seed	H0881D	108	93	18.8	53.1
Mid-Atlantic	MA8091VT2PRIB	109	82	19.5	55.2
Mid-Atlantic	MA8110TRECIB	111	77	15.9	56.1
DEKALB	DKC61-41RIB	111	68	16.8	53.2
Mid-Atlantic	MA8108VT2PRIB	110	67	19.3	56.5
Hubner Seed	H09G056	109	64	14.0	52.1
MorCorn	MC 4161	111	63	13.1	56.4
Pioneer Brand	P0935AM	109	57	22.1	53.1
FS	FS 6017V RIB	110	55	13.3	54.6
DEKALB	DKC59-82RIB	109	52	16.1	52.8
Hubner Seed	H4563RC2P	111	48	16.8	53.5
	Maturity Average		70	16.8	54.2
	L.S.D. (0.05)		9	9.3	2.8
	C.V.		7	32.7	2.9
<b>112-115 Days Relative Maturity</b>					
FS	FS 62ZV1 RIB	112	85	19.2	54.1
FS	GX 7104V RIB	114	84	16.5	55.6
DEKALB	DKC65-95RIB	115	83	16.2	54.4
FS	FS 6595V RIB	115	81	20.8	54.0
Dyna-Gro	D52VC63RIB	112	81	13.7	55.8
MorCorn	MC 4527	115	79	15.7	55.7
FS	FS 6306T RIB	113	78	15.3	54.9
Hubner Seed	H4763RC2P	115	75	17.5	56.3
MorCorn	MC 4311	113	71	16.5	55.7
Dyna-Gro	D53TC23	113	68	14.2	55.1
FS	FS 65R87VT2P	115	68	18.4	54.9
Mid-Atlantic	MA8128VT2PRIB	112	68	10.9	56.8
Dyna-Gro	D54VC14VT2P	114	66	16.5	54.9
Mid-Atlantic	MA8141DGVT2PRIB	114	65	18.7	52.2
Augusta	A1465	115	64	15.8	53.8
Dyna-Gro	D54VC34RIB	114	64	21.9	51.8
DEKALB	DKC63-91RIB	113	62	14.1	53.9
DEKALB	DKC64-65RIB	114	62	16.8	52.6
Augusta	A1964	114	58	20.6	52.8
DEKALB	DKC62-70RIB	112	56	18.4	55.3

Mid-Atlantic	MA8132VT2PRIB	113	54	16.3	52.2
Hubner Seed	H13G513	113	53	12.4	55.0
Mid-Atlantic	MA8145VT2PRIB	114	52	16.3	55.8
Mid-Atlantic	MA8136VT2PRIB	113	51	14.2	54.7
Mid-Atlantic	MA5124VIP3110	112	50	17.8	52.4
Pioneer Brand	P1464AML	114	40	10.0	50.7
Mid-Atlantic	MA5155VIP3110	115	39	20.0	51.3
FS	FS 6217T RIB	112	38	16.6	53.0
Mid-Atlantic	MA5144DCEZ	114	35	12.2	54.0
Maturity Average			63	16.3	54.1
L.S.D. (0.05)			13	5.6	2.6
C.V.			11	21.7	2.6
<b>&gt;115 Days Relative Maturity</b>					
FS	FS 6818V RIB	118	83	16.8	56.2
Dyna-Gro	D57TC29RIB	117	77	14.2	55.1
DEKALB	DKC67-44RIB	117	74	27.5	53.2
DEKALB	DKC70-27RIB	120	64	17.5	53.8
DEKALB	DKC68-48RIB	118	62	18.5	54.3
DEKALB	DKC66-04RIB	116	62	22.4	54.0
DEKALB	DKC68-35RIB	118	60	20.0	55.0
FS	FS 6627T RIB	116	58	15.8	55.5
MorCorn	MC 4725	117	55	16.5	54.4
Hubner Seed	H4828RC2P	116	49	16.2	54.3
Hubner Seed	H1880D	118	41	14.6	---
Pioneer Brand	P1847AML	118	38	16.0	53.2
Maturity Average			60	18.0	54.4
L.S.D. (0.05)			15	6.5	4.1
C.V.			13	23.1	4.3
Location Average			64.0	16.8	54.2

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 heavily affected by drought; data should be interpreted with caution.**

Note: Planted April 22, 2022. Harvested September 21, 2020. Population was 24,132 plants/acre.

Table 9. Corn yields at the Southern Piedmont AREC at Blackstone, Virginia two-year average, 2021 and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
MorCorn	MC 4161	111	143	15.8	55.6
Hubner Seed	H09G056	109	142	15.6	52.9
DEKALB	DKC61-41RIB	111	126	17.3	53.7
DEKALB	DKC59-82RIB	109	122	17.9	53.2
Hubner Seed	H4563RC2P	111	122	18.3	53.7
	Maturity Average		131	17.0	53.8
	L.S.D. (0.05)		26	4.4	1.5
	C.V.		16	23.0	2.4
<b>112-115 Days Relative Maturity</b>					
FS	FS 65R87VT2P	115	164	20.2	54.2
Dyna-Gro	D54VC34RIB	114	164	20.9	52.9
DEKALB	DKC65-95RIB	115	155	18.2	54.5
FS	FS 6306T RIB	113	148	17.4	54.2
FS	FS 6595V RIB	115	145	20.6	54.8
DEKALB	DKC62-70RIB	112	143	18.7	55.2
Hubner Seed	H13G513	113	134	15.8	53.9
MorCorn	MC 4311	113	129	17.8	54.7
Hubner Seed	H4763RC2P	115	126	18.8	55.6
FS	FS 62ZV1 RIB	112	125	18.7	54.4
DEKALB	DKC64-65RIB	114	110	18.0	54.0
	Maturity Average		140	18.6	54.4
	L.S.D. (0.05)		21	3.8	1.4
	C.V.		12	19.4	2.4
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC67-44RIB	117	159	24.2	53.5
DEKALB	DKC68-48RIB	118	158	20.2	54.0
DEKALB	DKC70-27RIB	120	143	19.5	54.0
MorCorn	MC 4725	117	138	21.0	54.3
Hubner Seed	H4828RC2P	116	120	20.6	53.8
Pioneer Brand	P1847AML	118	112	16.6	55.2
	Maturity Average		138	20.4	54.1
	L.S.D. (0.05)		21	4.9	1.5
	C.V.		12	22.5	2.4
	Location Average		137.6	18.7	54.2

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



Table 10. Corn yields at the Southern Piedmont AREC at Blackstone, Virginia three-year average, 2020, 2021 and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H09G056	109	118	21.4	52.1
DEKALB	DKC59-82RIB	109	110	21.3	52.3
DEKALB	DKC61-41RIB	111	103	23.3	52.4
Hubner Seed	H4563RC2P	111	99	22.1	52.9
	Maturity Average		107	22.0	52.4
	L.S.D. (0.05)		19	3.4	1.2
	C.V.		18	17.3	2.4
<b>112-115 Days Relative Maturity</b>					
Dyna-Gro	D54VC34RIB	114	126	27.1	52.4
DEKALB	DKC65-95RIB	115	124	23.7	53.5
Hubner Seed	H4763RC2P	115	113	23.7	54.6
	Maturity Average		121	24.9	53.5
	L.S.D. (0.05)		13	2.7	0.7
	C.V.		11	12.1	1.4
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC67-44RIB	117	114	28.0	52.7
DEKALB	DKC70-27RIB	120	109	23.8	53.3
Hubner Seed	H4828RC2P	116	97	24.7	53.3
	Maturity Average		107	25.5	53.1
	L.S.D. (0.05)		19	4.8	0.9
	C.V.		18	20.5	1.8
	Location Average		111.2	23.9	53.0

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

<sup>2</sup> Reported at 15.5% moisture.

Table 11. Corn yields at the Tidewater AREC at Holland, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
MorCorn	MC 4161	111	170	15.9	54.3
Mid-Atlantic	MA8091VT2PRIB	109	168	15.0	54.8
Hubner Seed	H0881D	108	156	15.7	53.9
DEKALB	DKC61-41RIB	111	153	15.6	53.0
Dyna-Gro	D50VC09RIB	110	143	16.2	55.0
Mid-Atlantic	MA8110TRECIB	111	140	16.7	53.5
DEKALB	DKC59-82RIB	109	139	15.1	53.9
Pioneer Brand	P0935AM	109	131	13.9	54.9
Mid-Atlantic	MA8108VT2PRIB	110	129	16.7	54.8
Hubner Seed	H09G056	109	128	13.9	53.6
FS	FS 6017V RIB	110	128	14.7	54.2
Seed Consultants	SC1112AM™	111	127	15.0	55.2
Seed Consultants	SC1093AM™	109	119	14.3	53.6
Hubner Seed	H4563RC2P	111	109	14.6	52.1
	Maturity Average		139	15.2	54.0
	L.S.D. (0.05)		31	2.0	2.2
	C.V.		12	8.6	2.7
<b>112-115 Days Relative Maturity</b>					
FS	FS 6306T RIB	113	198	16.6	53.6
MorCorn	MC 4527	115	175	15.1	54.7
Augusta	A3363	113	172	15.2	52.7
Augusta	A1465	115	169	14.8	54.3
Seed Consultants	SC1141AM™	114	168	14.8	53.6
Augusta	A1964	114	161	14.5	55.0
Mid-Atlantic	MA8145VT2PRIB	114	161	14.6	55.4
FS	FS 6595V RIB	115	160	14.9	53.5
FS	GX 7104V RIB	114	159	16.1	53.7
DEKALB	DKC65-95RIB	115	159	14.4	54.9
Augusta	A6664	114	156	15.8	53.0
FS	FS 65R87VT2P	115	153	16.6	52.1
Hubner Seed	H13G513	113	148	15.3	54.0
Augusta	A1060	114	148	15.0	54.7
Hubner Seed	H4763RC2P	115	146	15.8	53.9
Mid-Atlantic	MA8128VT2PRIB	112	146	14.6	52.8
Seed Consultants	SC1122Q™	112	145	15.6	54.1
Mid-Atlantic	MA5144DCEZ	114	143	17.3	53.5

Table 11. Corn yields at the Tidewater AREC at Holland, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
FS	FS 62ZV1 RIB	112	143	16.1	53.3
Mid-Atlantic	MA8136VT2PRIB	113	142	14.4	54.8
Mid-Atlantic	MA5155VIP3110	115	141	16.6	54.3
DEKALB	DKC62-70RIB	112	141	16.5	53.6
Mid-Atlantic	MA5124VIP3110	112	137	15.7	53.2
Dyna-Gro	D54VC14VT2P	114	134	15.9	53.4
Dyna-Gro	D52VC63RIB	112	129	16.0	53.0
Dyna-Gro	D53TC23	113	129	14.6	53.4
Pioneer Brand	P1464AML	114	125	15.8	54.8
DEKALB	DKC63-91RIB	113	122	14.7	52.3
Mid-Atlantic	MA8141DGVT2PRIB	114	122	15.3	53.5
Mid-Atlantic	MA8132VT2PRIB	113	121	15.7	54.4
DEKALB	DKC64-65RIB	114	117	15.7	53.9
Dyna-Gro	D54VC34RIB	114	113	16.6	53.7
MorCorn	MC 4311	113	111	14.4	53.7
Augusta	A1265	115	105	14.7	52.4
FS	FS 6217T RIB	112	84	15.4	53.7
	Maturity Average		142	15.4	53.7
	L.S.D. (0.05)		46	1.9	2.1
	C.V.		13	8.7	2.6
<b>&gt;115 Days Relative Maturity</b>					
FS	FS 6818V RIB	118	193	16.0	54.3
DEKALB	DKC68-35RIB	118	182	15.8	52.6
Pioneer Brand	P1847AML	118	176	16.9	54.5
DEKALB	DKC68-48RIB	118	174	16.8	53.8
Dyna-Gro	DS57VC53	117	173	17.1	53.0
Dyna-Gro	D57TC29RIB	117	164	15.8	54.0
FS	FS 6627T RIB	116	164	15.4	53.9
Seed Consultants	SC1183AM™	118	148	14.2	52.0
Hubner Seed	H1880D	118	147	15.8	53.4
Seed Consultants	SC1170AM™	117	144	14.9	53.6
DEKALB	DKC66-04RIB	116	141	16.6	54.9
MorCorn	MC 4725	117	135	16.0	53.5
DEKALB	DKC67-44RIB	117	114	16.4	53.0
DEKALB	DKC70-27RIB	120	112	14.7	54.4
Augusta	A1466	116	112	15.8	53.5

Table 11. Corn yields at the Tidewater AREC at Holland, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Hubner Seed	H4828RC2P	116	110	19.0	53.5
Augusta	A7168	118	109	15.6	54.5
	Maturity Average		147	16	54
	L.S.D. (0.05)		32	2.0	2.2
	C.V.		12	8.5	2.8
	Location Average		143	15.6	53.8

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 11, 2022. Harvested September 7, 2022. Population was 25,927 plants/acre.

Table 12. Corn yields at the Tidewater AREC at Holland, Virginia, two-year average, 2021 and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
MorCorn	MC 4161	111	151	15.4	54.2
Seed Consultants	SC1112AM™	111	147	15.8	54.1
DEKALB	DKC61-41RIB	111	139	15.5	52.7
DEKALB	DKC59-82RIB	109	133	15.3	52.9
Hubner Seed	H09G056	109	130	14.3	52.6
Hubner Seed	H4563RC2P	111	121	15.5	52.7
	Maturity Average		137	15.3	53.2
	L.S.D. (0.05)		23	1.1	1.2
	C.V.		13	7.2	2.2
<b>112-115 Days Relative Maturity</b>					
FS	FS 6306T RIB	113	177	17.3	53.2
Augusta	A3363	113	159	15.4	53.2
MorCorn	MC 4311	113	158	15.7	53.4
FS	FS 6595V RIB	115	154	15.6	53.5
DEKALB	DKC65-95RIB	115	151	15.9	53.9
FS	FS 62ZV1 RIB	112	150	15.8	53.6
Dyna-Gro	D54VC34RIB	114	149	16.4	53.6
Hubner Seed	H13G513	113	149	15.6	53.3
Seed Consultants	SC1122Q™	112	148	16.4	54.0
Hubner Seed	H4763RC2P	115	148	16.4	54.0
FS	FS 65R87VT2P	115	146	16.7	53.2
DEKALB	DKC62-70RIB	112	135	16.3	54.1
DEKALB	DKC64-65RIB	114	133	15.8	53.7
	Maturity Average		151	16.1	53.6
	L.S.D. (0.05)		18	0.9	1.4
	C.V.		10	5.8	2.5
<b>&gt;115 Days Relative Maturity</b>					
Pioneer Brand	P1847AML	118	152	16.1	54.4
Seed Consultants	SC1170AM™	117	150	16.5	53.4
MorCorn	MC 4725	117	149	17.2	54.2
DEKALB	DKC67-44RIB	117	147	16.5	53.7
DEKALB	DKC68-48RIB	118	146	17.2	54.3
DEKALB	DKC70-27RIB	120	139	16.6	54.3
Hubner Seed	H4828RC2P	116	134	17.8	53.2
	Maturity Average		145	17	54

L.S.D. (0.05)	17	1.3	1.3
C.V.	10	7.7	2.3
<b>Location Average</b>	<b>146</b>	<b>16.1</b>	<b>53.6</b>

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

Table 13. Corn yields at the Tidewater AREC at Holland, Virginia, three-year average, 2020, 2021, and 2022 Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
DEKALB	DKC61-41RIB	111	114	14.4	51.9
DEKALB	DKC59-82RIB	109	108	14.6	52.3
Hubner Seed	H4563RC2P	111	80	13.6	52.7
Hubner Seed	H09G056	109	78	10.3	52.6
	Maturity Average		95	13.2	52.4
	L.S.D. (0.05)		20	1.1	1.3
	C.V.		20	9.5	2.4
<b>112-115 Days Relative Maturity</b>					
Dyna-Gro	D54VC34RIB	114	128	16.1	53.4
DEKALB	DKC65-95RIB	115	126	16.0	53.7
Hubner Seed	H4763RC2P	115	114	15.7	53.9
	Maturity Average		123	15.9	53.7
	L.S.D. (0.05)		19	1.1	1.4
	C.V.		13	7.6	2.6
<b>&gt;115 Days Relative Maturity</b>					
MorCorn	MC 4725	117	125	17.1	53.2
DEKALB	DKC70-27RIB	120	120	17.1	53.9
DEKALB	DKC67-44RIB	117	115	14.8	53.3
Hubner Seed	H4828RC2P	116	113	17.2	53.2
	Maturity Average		118	17	53
	L.S.D. (0.05)		16	1.3	1.1
	C.V.		13	8.4	2.2
	<b>Location Average</b>		<b>111</b>	<b>15.2</b>	<b>53.1</b>

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 under irrigation at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Mid-Atlantic	MA8110TRECIB	111	272	15.1	52.6
MorCorn	MC 4161	111	255	14.7	53.6
Hubner Seed	H09G056	109	252	15.2	51.3
DEKALB	DKC61-41RIB	111	251	15.4	51.6
Seed Consultants	SC1112AM™	111	245	17.0	53.3
Dyna-Gro	D50VC09RIB	110	245	14.5	52.2
FS	FS 6017V RIB	110	237	16.1	52.2
DEKALB	DKC59-82RIB	109	236	14.6	52.8
Pioneer Brand	P0935AM	109	229	15.2	55.0
Mid-Atlantic	MA8091VT2PRIB	109	229	16.1	52.4
Hubner Seed	H0881D	108	221	14.4	52.7
Mid-Atlantic	MA8108VT2PRIB	110	214	15.1	56.0
Seed Consultants	SC1093AM™	109	213	15.6	51.3
Hubner Seed	H4563RC2P	111	207	16.8	53.8
	Maturity Average		236	15.4	52.9
	L.S.D. (0.05)		32	2.0	1.4
	C.V.		9	4.8	1.8
<b>112-115 Days Relative Maturity</b>					
FS	FS 6595V RIB	115	261	17.6	53.2
FS	GX 7104V RIB	114	257	16.7	54.4
Dyna-Gro	D54VC34RIB	114	255	16.7	53.9
FS	FS 62ZV1 RIB	112	249	16.7	53.4
Hubner Seed	H4763RC2P	115	248	16.8	52.0
MorCorn	MC 4311	113	245	15.8	53.9
FS	FS 6306T RIB	113	243	16.2	53.5
Mid-Atlantic	MA8145VT2PRIB	114	240	17.2	53.4
Pioneer Brand	P1464AML	114	239	16.9	53.7
Mid-Atlantic	MA5124VIP3110	112	238	16.9	52.9
Hubner Seed	H13G513	113	238	15.2	52.7
DEKALB	DKC65-95RIB	115	238	17.9	51.3
Dyna-Gro	D53TC23	113	238	15.8	53.6
Dyna-Gro	D52VC63RIB	112	236	16.8	52.6
Augusta	A1964	114	236	17.8	52.8
Seed Consultants	SC1122Q™	112	236	16.1	52.5
DEKALB	DKC62-70RIB	112	234	16.0	54.3
Mid-Atlantic	MA8128VT2PRIB	112	232	15.5	53.6

Table 14. Corn yields under irrigation at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Augusta	A1465	115	232	15.4	54.2
Dyna-Gro	D54VC14VT2P	114	230	15.4	54.7
Mid-Atlantic	MA5144DCEZ	114	229	17.1	51.4
MorCorn	MC 4527	115	229	15.8	54.5
Augusta	A6664	114	225	15.8	53.2
Mid-Atlantic	MA5155VIP3110	115	225	19.1	51.9
Mid-Atlantic	MA8141DGV2PRIB	114	224	16.7	54.7
Mid-Atlantic	MA8136VT2PRIB	113	223	15.5	52.9
Seed Consultants	SC1141AM™	114	222	15.6	53.0
FS	FS 65R87VT2P	115	222	16.1	55.4
Mid-Atlantic	MA8132VT2PRIB	113	221	16.8	53.6
DEKALB	DKC64-65RIB	114	218	16.0	52.5
Augusta	A3363	113	218	15.8	52.7
DEKALB	DKC63-91RIB	113	216	15.1	51.3
FS	FS 6217T RIB	112	211	16.7	52.5
Augusta	A1265	115	210	15.9	52.8
Augusta	A1060	114	198	14.9	51.9
	Maturity Average		232	16.3	53.2
	L.S.D. (0.05)		28	1.3	1.5
	C.V.		9	5.6	1.9
<b>&gt;115 Days Relative Maturity</b>					
Hubner Seed	H1880D	118	266	18.4	52.1
Pioneer Brand	P1847AML	118	263	18.0	53.4
FS	FS 6627T RIB	116	263	17.1	54.2
DEKALB	DKC67-44RIB	117	257	18.1	54.5
Dyna-Gro	D57TC29RIB	117	251	17.4	51.3
Seed Consultants	SC1183AM™	118	250	17.2	51.7
DEKALB	DKC70-27RIB	120	248	19.4	52.8
DEKALB	DKC68-35RIB	118	248	16.7	56.0
FS	FS 6818V RIB	118	246	18.7	54.8
MorCorn	MC 4725	117	246	17.4	53.8
NK Brand	NK1677-3110	116	235	17.4	52.2
Seed Consultants	SC1170AM™	117	232	17.2	53.5
DEKALB	DKC66-04RIB	116	232	16.8	55.0
NK Brand	NK1748-3110	117	232	18.9	52.2
Augusta	A7168	118	221	18.8	52.2



Table 14. Corn yields under irrigation at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
DEKALB	DKC68-48RIB	118	209	17.9	53.7
Augusta	A1466	116	204	16.8	54.2
Hubner Seed	H4828RC2P	116	203	18.0	53.1
NK Brand	NK1701-3220	117	201	16.0	51.3
Dyna-Gro	DS57VC53	117	200	18.6	54.1
	Maturity Average		235	17.7	53.3
	L.S.D. (0.05)		30	1.5	1.9
	C.V.		9	6.0	2.5
	Location Average		230	16.3	52.4

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 21, 2022. Harvested September 19, 2022. Population was 29,795 plants/acre.

Table 15. Corn yields under irrigation at the Virginia Crop Improvement Foundation Seed Farm in Mt. Holly, Virginia two-year average, 2021 and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H09G056	109	275	14.7	52.2
Seed Consultants	SC1112AM™	111	274	16.9	54.1
DEKALB	DKC61-41RIB	111	269	15.4	52.1
MorCorn	MC 4161	111	262	15.4	54.5
DEKALB	DKC59-82RIB	109	261	15.3	53.2
Hubner Seed	H4563RC2P	111	240	17.2	54.6
	Maturity Average		264	15.8	53.4
	L.S.D. (0.05)		19	1.0	0.9
	C.V.		7	5.9	1.6
<b>112-115 Days Relative Maturity</b>					
Dyna-Gro	D54VC34RIB	114	284	17.0	54.6
FS	FS 6595V RIB	115	265	17.6	53.7
FS	FS 6306T RIB	113	264	16.6	54.3
DEKALB	DKC62-70RIB	112	258	16.5	55.3
Hubner Seed	H4763RC2P	115	258	16.9	53.3
DEKALB	DKC65-95RIB	115	257	18.4	52.8
Seed Consultants	SC1122Q™	112	257	16.2	53.6
MorCorn	MC 4311	113	257	16.6	54.1
Dyna-Gro	D54VC14VT2P	114	256	15.7	54.9
Hubner Seed	H13G513	113	252	16.0	53.5
FS	FS 62ZV1 RIB	112	248	16.8	54.2
FS	FS 65R87VT2P	115	248	16.0	58.9
Dyna-Gro	D52VC63RIB	112	247	16.8	53.6
Augusta	A3363	113	244	16.1	53.7
DEKALB	DKC64-65RIB	114	241	16.5	53.7
	Maturity Average		256	16.6	54.3
	L.S.D. (0.05)		21	0.8	2.4
	C.V.		8	4.9	4.4
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC70-27RIB	120	275	19.2	54.2
Pioneer Brand	P1847AML	118	272	17.0	54.9
MorCorn	MC 4725	117	267	18.0	55.1
DEKALB	DKC67-44RIB	117	265	18.1	55.0
Seed Consultants	SC1170AM™	117	258	17.8	54.4
DEKALB	DKC68-48RIB	118	241	18.1	54.6
Hubner Seed	H4828RC2P	116	237	17.9	54.3

Maturity Average	259	18.0	54.7
L.S.D. (0.05)	22	0.9	1.0
C.V.	9	4.9	1.8
Location Average	249	16.2	52.3

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

2 Reported at 15.5% moisture.

Table 16. Corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Mid-Atlantic	MA8110TRECIB	111	209	11.9	54.3
FS	FS 6017V RIB	110	209	11.3	53.3
Seed Consultants	SC1112AM™	111	202	12.4	55.5
Hubner Seed	H09G056	109	201	11.6	53.3
Pioneer Brand	P0935AM	109	197	11.5	55.1
MorCorn	MC 4161	111	195	11.3	54.7
Seed Consultants	SC1093AM™	109	194	11.7	55.0
DEKALB	DKC61-41RIB	111	192	11.4	52.7
Mid-Atlantic	MA8108VT2PRIB	110	191	11.7	56.8
Mid-Atlantic	MA8091VT2PRIB	109	189	14.1	54.5
Hubner Seed	H0881D	108	185	11.5	53.6
Dyna-Gro	D50VC09RIB	110	184	11.5	53.5
DEKALB	DKC59-82RIB	109	175	11.8	53.9
Hubner Seed	H4563RC2P	111	166	14.5	54.9
	Maturity Average		192	12.0	54.4
	L.S.D. (0.05)		25	1.5	1.5
	C.V.		9	8.6	1.8

<b>112-115 Days Relative Maturity</b>					
Mid-Atlantic	MA8141DGVT2PRIB	114	209	12.3	55.0
Hubner Seed	H4763RC2P	115	206	12.6	55.6
Pioneer Brand	P1464AML	114	205	12.5	55.8
Mid-Atlantic	MA8132VT2PRIB	113	204	12.9	55.5
FS	FS 6306T RIB	113	203	12.7	53.9
MorCorn	MC 4311	113	202	11.5	54.3
FS	FS 6595V RIB	115	201	12.2	54.7
FS	GX 7104V RIB	114	197	11.9	55.8
Mid-Atlantic	MA8145VT2PRIB	114	195	12.7	55.4
Dyna-Gro	D52VC63RIB	112	195	13.9	54.9
Seed Consultants	SC1122Q™	112	194	13.0	55.6
Mid-Atlantic	MA5124VIP3110	112	194	12.4	54.6
Augusta	A6664	114	194	12.0	55.0
DEKALB	DKC63-91RIB	113	193	11.3	52.8
DEKALB	DKC62-70RIB	112	193	12.4	56.5
Dyna-Gro	D54VC34RIB	114	191	11.6	56.0

Table 16. Corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
DEKALB	DKC65-95RIB	115	191	13.3	55.6
Hubner Seed	H13G513	113	191	11.8	53.7
MorCorn	MC 4527	115	190	11.4	56.4
DEKALB	DKC64-65RIB	114	187	11.6	54.6
Dyna-Gro	D53TC23	113	187	12.0	55.9
Augusta	A3363	113	186	12.6	55.0
Mid-Atlantic	MA5155VIP3110	115	185	13.4	55.8
Augusta	A1465	115	185	12.3	56.1
Seed Consultants	SC1141AM™	114	184	11.7	54.5
Mid-Atlantic	MA5144DCEZ	114	181	12.1	54.0
Dyna-Gro	D54VC14VT2P	114	181	12.0	55.6
Augusta	A1060	114	180	11.0	52.9
FS	FS 65R87VT2P	115	179	11.8	56.7
Mid-Atlantic	MA8136VT2PRIB	113	179	12.8	54.7
FS	FS 62ZV1 RIB	112	178	12.8	54.8
Mid-Atlantic	MA8128VT2PRIB	112	176	11.7	54.9
Augusta	A1964	114	174	11.9	53.5
Augusta	A1265	115	170	13.1	53.4
FS	FS 6217T RIB	112	168	12.3	53.9
	Maturity Average		189	12.3	54.9
	L.S.D. (0.05)		26	1.2	1.4
	C.V.		10	7.2	1.8
<b>&gt;115 Days Relative Maturity</b>					
FS	FS 6627T RIB	116	219	11.8	54.9
Seed Consultants	SC1183AM™	118	213	12.7	54.7
DEKALB	DKC68-35RIB	118	211	12.2	56.0
Hubner Seed	H1880D	118	208	12.7	54.0
DEKALB	DKC67-44RIB	117	208	13.0	54.8
DEKALB	DKC70-27RIB	120	203	14.0	55.0
Augusta	A7168	118	202	13.9	55.5
DEKALB	DKC66-04RIB	116	200	12.2	54.7
FS	FS 6818V RIB	118	200	13.7	56.4
Dyna-Gro	DS57VC53	117	200	14.2	56.6
Hubner Seed	H4828RC2P	116	198	13.2	55.3
Dyna-Gro	D57TC29RIB	117	188	13.1	53.2
MorCorn	MC 4725	117	188	13.1	55.3

Table 16. Corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm at Mt. Holly, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Seed Consultants	SC1170AM™	117	187	12.3	55.2
DEKALB	DKC68-48RIB	118	184	13.2	55.1
Augusta	A1466	116	180	13.0	54.4
NK Brand	NK1677-3110	116	179	12.5	54.5
Pioneer Brand	P1847AML	118	173	13.7	56.1
NK Brand	NK1748-3110	117	169	13.0	53.7
NK Brand	NK1701-3220	117	169	12.4	53.5
	Maturity Average		194	13.0	54.9
	L.S.D. (0.05)		31	1.2	1.2
	C.V.		11	6.6	1.5
	Location Average		191	12	55

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

<sup>2</sup> Reported at 15.5% moisture.

Note: Planted April 21, 2022. Harvested September 18, 2022. Population was 26,036 plants/acre.

Table 17. Corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm in Mt. Holly, Virginia two-year average, 2021 and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H09G056	109	211	12.5	53.0
Seed Consultants	SC1112AM™	111	207	14.0	54.4
DEKALB	DKC61-41RIB	111	199	13.0	52.8
MorCorn	MC 4161	111	194	13.1	54.7
Hubner Seed	H4563RC2P	111	184	15.2	54.4
DEKALB	DKC59-82RIB	109	176	13.2	54.0
	Maturity Average		195	13.5	53.9
	L.S.D. (0.05)		18	0.6	1.2
	C.V.		8	4.7	2.2
<b>112-115 Days Relative Maturity</b>					
Hubner Seed	H13G513	113	210	13.8	53.0
FS	FS 6306T RIB	113	209	14.0	54.6
Hubner Seed	H4763RC2P	115	206	14.6	54.5
MorCorn	MC 4311	113	202	13.4	53.9
FS	FS 6595V RIB	115	202	13.9	54.2
DEKALB	DKC65-95RIB	115	200	14.8	54.9
DEKALB	DKC64-65RIB	114	197	13.5	54.1
Dyna-Gro	D52VC63RIB	112	196	14.7	55.0
Augusta	A3363	113	195	14.4	54.1
Dyna-Gro	D54VC14VT2P	114	195	13.6	55.4
Dyna-Gro	D54VC34RIB	114	195	13.8	55.3
DEKALB	DKC62-70RIB	112	194	14.1	55.8
Seed Consultants	SC1122Q™	112	190	14.4	55.2
FS	FS 65R87VT2P	115	189	14.0	55.9
FS	FS 62ZV1 RIB	112	182	14.2	54.6
	Maturity Average		197	14.1	54.7
	L.S.D. (0.05)		17	0.9	1.1
	C.V.		8	6.7	1.9
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC70-27RIB	120	209	15.8	54.6
DEKALB	DKC67-44RIB	117	206	14.9	54.3
Hubner Seed	H4828RC2P	116	203	14.9	54.8
Seed Consultants	SC1170AM™	117	201	14.4	54.5
MorCorn	MC 4725	117	197	14.7	55.2
DEKALB	DKC68-48RIB	118	185	14.9	54.7

Pioneer Brand	P1847AML	118	176	14.0	56.0
	Maturity Average		197	14.8	54.9
	L.S.D. (0.05)		19	2.0	0.9
	C.V.		10	6.6	1.5
	Location Average		190	13.7	52.7

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

2 Reported at 15.5% moisture.



Table 18. Corn yields under dryland conditions at the Virginia Crop Improvement Foundation Seed Farm in Mt. Holly, Virginia three-year average, 2020, 2021, and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H09G056	109	184	13.9	52.9
DEKALB	DKC61-41RIB	111	183	14.2	52.7
Hubner Seed	H4563RC2P	111	171	16.1	53.9
DEKALB	DKC59-82RIB	109	155	14.3	53.4
	Maturity Average		173	14.6	53.2
	L.S.D. (0.05)		12	0.9	1.0
	C.V.		8	7.1	2.1
<b>112-115 Days Relative Maturity</b>					
Hubner Seed	H4763RC2P	115	194	15.8	54.1
Dyna-Gro	D54VC34RIB	114	182	15.6	54.6
DEKALB	DKC65-95RIB	115	180	16.8	54.0
Dyna-Gro	D54VC14VT2P	114	180	15.1	54.7
	Maturity Average		184	15.8	54.4
	L.S.D. (0.05)		14	1.1	0.9
	C.V.		9	8.4	1.9
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC70-27RIB	120	196	17.0	54.3
DEKALB	DKC67-44RIB	117	190	16.5	54.1
Hubner Seed	H4828RC2P	116	180	16.8	53.9
MorCorn	MC 4725	117	175	16.0	54.3
Seed Consultants	SC1170AM™	117	174	16.2	53.8
	Maturity Average		183	16.5	54.1
	L.S.D. (0.05)		15	1.0	0.8
	C.V.		9	6.9	1.6
	Location Average		167	14.6	50.1

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

2 Reported at 15.5% moisture.

Table 19. Corn yields at the Northern Piedmont Center at Orange, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Mid-Atlantic	MA8110TRECIB	111	255	16.7	52.4
Dyna-Gro	D50VC09RIB	110	255	17.5	51.8
FS	FS 6017V RIB	110	245	16.9	55.3
Seed Consultants	SC1093AM™	109	239	16.6	53.8
DEKALB	DKC59-82RIB	109	230	18.7	52.3
Pioneer Brand	P0935AM	109	202	16.8	54.9
DEKALB	DKC61-41RIB	111	195	17.1	51.5
Mid-Atlantic	MA8108VT2PRIB	110	190	17.1	55.8
Hubner Seed	H09G056	109	177	15.5	52.2
Hubner Seed	H4563RC2P	111	175	19.0	53.5
Hubner Seed	H0881D	108	165	16.1	53.5
Mid-Atlantic	MA8091VT2PRIB	109	152	20.2	54.1
Seed Consultants	SC1112AM™	111	141	19.1	52.5
	Maturity Average		202	17.5	53.3
	L.S.D. (0.05)		34	2.1	2.2
	C.V.		8	8.4	2.5
<b>112-115 Days Relative Maturity</b>					
Mid-Atlantic	MA8145VT2PRIB	114	280	18.6	54.0
FS	FS 6306T RIB	113	264	17.5	52.9
Hubner Seed	H13G513	113	251	19.4	52.2
DEKALB	DKC63-91RIB	113	248	19.2	51.5
Augusta	A6664	114	248	18.2	52.2
Mid-Atlantic	MA8132VT2PRIB	113	246	19.6	53.8
DEKALB	DKC65-95RIB	115	243	19.9	54.6
FS	FS 65R87VT2P	115	239	18.3	54.4
Mid-Atlantic	MA5155VIP3110	115	237	21.0	54.7
Mid-Atlantic	MA8128VT2PRIB	112	228	17.9	54.7
Mid-Atlantic	MA5144DCEZ	114	222	20.4	51.3
Dyna-Gro	D54VC14VT2P	114	220	17.7	53.6
Mid-Atlantic	MA8136VT2PRIB	113	218	20.1	53.5
Dyna-Gro	D53TC23	113	214	18.9	54.8
FS	FS 6217T RIB	112	212	19.4	52.9
Dyna-Gro	D54VC34RIB	114	211	20.6	52.6
DEKALB	DKC64-65RIB	114	206	20.0	53.0
Mid-Atlantic	MA8141DGVT2PRIB	114	201	18.8	53.8
Dyna-Gro	D52VC63RIB	112	198	18.0	54.0

Table 19. Corn yields at the Northern Piedmont Center at Orange, Virginia in 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
Pioneer Brand	P1464AML	114	190	18.9	54.0
Seed Consultants	SC1141AM™	114	190	19.4	52.5
DEKALB	DKC62-70RIB	112	190	19.4	54.5
Seed Consultants	SC1122Q™	112	186	17.8	55.0
Mid-Atlantic	MA5124VIP3110	112	184	18.4	53.6
Hubner Seed	H4763RC2P	115	184	18.9	54.1
FS	GX 7104V RIB	114	177	19.4	55.7
FS	FS 62ZV1 RIB	112	169	20.4	52.8
FS	FS 6595V RIB	115	167	19.2	53.3
Augusta	A1060	114	112	17.4	52.6
	Maturity Average		212	19	54
	L.S.D. (0.05)		39	2.1	1.3
	C.V.		10	7.7	1.7
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC68-35RIB	118	312	21.1	54.2
FS	FS 6627T RIB	116	264	18.3	53.9
NK Brand	NK1748-3110	117	261	20.1	51.9
NK Brand	NK1677-3110	116	261	19.1	53.0
DEKALB	DKC70-27RIB	120	244	26.5	53.8
DEKALB	DKC68-48RIB	118	243	19.4	54.0
DEKALB	DKC67-44RIB	117	206	22.1	54.6
FS	FS 6818V RIB	118	205	19.7	55.0
NK Brand	NK1701-3220	117	203	18.9	51.9
Seed Consultants	SC1170AM™	117	198	20.7	52.4
Hubner Seed	H1880D	118	191	22.6	51.6
Pioneer Brand	P1847AML	118	173	20.5	53.1
Dyna-Gro	DS57VC53	117	169	20.6	55.5
Hubner Seed	H4828RC2P	116	152	19.3	54.3
Dyna-Gro	D57TC29RIB	117	151	20.9	52.7
DEKALB	DKC66-04RIB	116	125	18.8	54.2
Seed Consultants	SC1183AM™	118	117	18.3	52.7
	Maturity Average		204	20.4	53.4
	L.S.D. (0.05)		45	4.8	1.6
	C.V.		11	16.6	2.0
	Location Average		207	19	53

<sup>1</sup> Days to maturity provided by company; differences in maturity rating methods may exist between companies. <sup>2</sup> Reported at 15.5% moisture. Note: Planted April 28, 2022. Harvested September 23, 2022. Population was 24,111 plants/acre.

Table 20. Corn yields at the Northern Piedmont Center at Orange, Virginia  
two-year average, 2021 and 2022 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
DEKALB	DKC59-82RIB	109	181	18.6	52.2
Hubner Seed	H09G056	109	159	16.2	52.3
DEKALB	DKC61-41RIB	111	151	17.3	52.0
Hubner Seed	H4563RC2P	111	146	19.9	53.1
Seed Consultants	SC1112AM™	111	145	19.0	53.0
	Maturity Average		157	18.2	52.5
	L.S.D. (0.05)		33	1.7	1.0
	C.V.		15	9.1	1.6
<b>112-115 Days Relative Maturity</b>					
FS	FS 6306T RIB	113	204	17.1	53.0
Hubner Seed	H13G513	113	191	19.2	51.8
FS	FS 65R87VT2P	115	190	18.9	54.2
DEKALB	DKC65-95RIB	115	181	19.8	54.0
Dyna-Gro	D53TC23	113	168	19.2	54.0
Dyna-Gro	D54VC34RIB	114	162	21.5	52.8
DEKALB	DKC64-65RIB	114	156	19.3	53.3
Hubner Seed	H4763RC2P	115	155	20.1	53.4
FS	FS 62ZV1 RIB	112	153	19.0	53.1
Dyna-Gro	D52VC63RIB	112	149	18.4	53.1
FS	FS 6595V RIB	115	148	19.3	53.0
DEKALB	DKC62-70RIB	112	146	19.5	54.7
Seed Consultants	SC1122Q™	112	144	18.3	54.3
	Maturity Average		165	19	53
	L.S.D. (0.05)		22	1.5	1.0
	C.V.		12	7.8	1.8
<b>&gt;115 Days Relative Maturity</b>					
NK Brand	NK1677-3110	116	188	20.2	53.0
DEKALB	DKC68-48RIB	118	178	19.9	53.7
NK Brand	NK1748-3110	117	177	20.5	52.3
DEKALB	DKC70-27RIB	120	175	24.3	53.3
Pioneer Brand	P1847AML	118	158	19.1	53.8
Seed Consultants	SC1170AM™	117	154	19.7	53.5
DEKALB	DKC67-44RIB	117	149	21.7	54.3
Hubner Seed	H4828RC2P	116	135	20.1	53.7
	Maturity Average		164	20.7	53.4
	L.S.D. (0.05)		24	3.6	0.9
	C.V.		12	17.3	1.6

Location Average 163 19 53

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

2 Reported at 15.5% moisture.

Table 21. Corn yields at the Northern Piedmont Center at Orange, Virginia, three-year average 2020, 2021, and 2022 - Virginia Tech Trials.

Brand/Company	Hybrid	DTM per Co. <sup>1</sup>	Yield <sup>2</sup> bu/A	Moist %	Test Wt. lb/bu
<b>108-111 Days Relative Maturity</b>					
DEKALB	DKC59-82RIB	109	194	18.5	51.9
Hubner Seed	H09G056	109	176	17.0	51.5
DEKALB	DKC61-41RIB	111	170	17.2	51.7
Hubner Seed	H4563RC2P	111	163	19.8	53.3
	Maturity Average		176	18.1	52.1
	L.S.D. (0.05)		22	1.3	1.2
	C.V.		13	8.4	2.6
<b>112-115 Days Relative Maturity</b>					
DEKALB	DKC65-95RIB	115	199	19.9	53.4
Dyna-Gro	D53TC23	113	188	19.1	53.7
Dyna-Gro	D54VC34RIB	114	184	21.5	52.4
Hubner Seed	H4763RC2P	115	180	20.1	53.1
	Maturity Average		188	20	53
	L.S.D. (0.05)		17	1.0	0.8
	C.V.		10	5.7	1.7
<b>&gt;115 Days Relative Maturity</b>					
NK Brand	NK1748-3110	117	203	21.2	51.9
NK Brand	NK1677-3110	116	201	20.2	52.4
DEKALB	DKC70-27RIB	120	190	24.0	53.0
Seed Consultants	SC1170AM™	117	184	19.9	52.9
DEKALB	DKC67-44RIB	117	181	21.5	53.7
Hubner Seed	H4828RC2P	116	164	20.1	53.2
	Maturity Average		187	21.2	52.9
	L.S.D. (0.05)		22	3.2	0.7
	C.V.		12	17.3	1.5
	Location Average		184	20	53

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

2 Reported at 15.5% moisture.

Table 22. Corn Yields at Jaylin Farms Inc. in Augusta County, Virginia in 2022  
 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Hubner Seed	H09G056	109	280	23.7	51.2
Hubner Seed	H4563RC2P	111	278	22.7	52.3
Seed Consultants	SC1112AM™	111	275	23.4	53.0
DEKALB	DKC59-82RIB	109	269	20.4	52.4
DEKALB	DKC61-41RIB	111	262	22.1	51.6
Mid-Atlantic	MA8110TRECIB	111	259	23.0	52.2
Pioneer Brand	P0935AM	109	255	24.0	52.3
Mid-Atlantic	MA8091VT2PRIB	109	249	23.2	51.4
Seed Consultants	SC1093AM™	109	245	24.3	53.6
Hubner Seed	H0881D	108	242	24.4	51.9
Mid-Atlantic	MA8108VT2PRIB	110	242	21.0	53.3
	Maturity Average		260	22.9	52.3
	L.S.D. (0.05)		31	3.6	3.3
	C.V.		7	11.0	3.2
<b>112-115 Days Relative Maturity</b>					
DEKALB	DKC62-70RIB	112	289	20.6	51.7
Mid-Atlantic	MA5155VIP3110	115	281	20.1	52.9
Pioneer Brand	P1464AML	114	280	22.4	52.6
Hubner Seed	H4763RC2P	115	280	22.3	52.6
DEKALB	DKC63-91RIB	113	278	23.5	52.1
DEKALB	DKC65-95RIB	115	276	22.0	51.8
DEKALB	DKC64-65RIB	114	276	22.8	52.9
FS	FS 62ZX1 RIB	112	275	24.0	52.2
Mid-Atlantic	MA5124VIP3110	112	272	22.2	51.1
FS	FS 6595X RIB	115	266	23.8	51.4
Mid-Atlantic	MA8128VT2PRIB	112	264	25.0	52.0
Mid-Atlantic	MA5144DCEZ	114	264	21.6	54.2
Hubner Seed	H13G513	113	262	24.9	52.3
Mid-Atlantic	MA8136VT2PRIB	113	260	23.3	52.8
Mid-Atlantic	MA8141DGV2PRIB	114	253	23.0	52.7
Mid-Atlantic	MA8132VT2PRIB	113	252	22.5	52.4
Seed Consultants	SC1141AM™	114	250	22.9	51.4
Seed Consultants	SC1122Q™	112	245	25.6	51.3
Mid-Atlantic	MA8145VT2PRIB	114	241	20.9	53.0
Augusta	A1060	114	238	20.3	51.7
	Maturity Average		265	22.7	52.3
	L.S.D. (0.05)		45	3.2	1.9

Table 22. Corn Yields at Jaylin Farms Inc. in Augusta County, Virginia in 2022  
 - Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
	C.V.		10	9.9	2.3
<b>&gt;115 Days Relative Maturity</b>					
Hubner Seed	H1880D	118	314	24.4	52.8
DEKALB	DKC70-27RIB	120	295	25.8	52.4
DEKALB	DKC66-04RIB	116	281	21.8	52.3
DEKALB	DKC68-35RIB	118	277	22.5	51.3
Hubner Seed	H4828RC2P	116	274	20.8	51.3
FS	FS 6818X RIB	118	273	20.6	53.8
Pioneer Brand	P1847AML	118	269	23.2	51.0
DEKALB	DKC68-48RIB	118	268	22.9	51.5
Seed Consultants	SC1170AM™	117	268	23.0	50.5
Seed Consultants	SC1183AM™	118	258	21.3	51.8
DEKALB	DKC67-44RIB	117	254	22.1	53.0
	Maturity Average		275	22.6	52.0
	L.S.D. (0.05)		39	3.5	3.2
	C.V.		9	10.7	2.8
	Location Average		266	23	52

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 28, 2022. Harvested October 4, 2022. Population was 26,066 plants/acre.

Table 23. Corn Yields at Jaylin Farms Inc. in Augusta County, Virginia, two-year average, 2021 and 2022- Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
Seed Consultants	SC1112AM™	111	286	21.9	53.4
Mid-Atlantic	MA8110TRECIB	111	276	22.1	53.0
Hubner Seed	H09G056	109	274	22.0	50.8
DEKALB	DKC59-82RIB	109	272	20.8	52.6
Hubner Seed	H4563RC2P	111	268	22.5	52.8
DEKALB	DKC61-41RIB	111	250	21.4	52.1
	Maturity Average		271	21.8	52.4
	L.S.D. (0.05)		18	1.5	1.1
	C.V.		6	6.6	1.8
<b>112-115 Days Relative Maturity</b>					
Mid-Atlantic	MA5155VIP3110	115	273	23.4	52.9
Hubner Seed	H4763RC2P	115	269	22.1	52.7
DEKALB	DKC65-95RIB	115	267	21.4	52.7
Hubner Seed	H13G513	113	267	23.2	52.5
Mid-Atlantic	MA8128VT2PRIB	112	261	22.9	52.7
DEKALB	DKC62-70RIB	112	258	21.1	52.4
DEKALB	DKC64-65RIB	114	257	22.4	53.0
FS	FS 62ZX1 RIB	112	254	21.6	53.0
FS	FS 6595X RIB	115	249	23.7	52.4
Seed Consultants	SC1122Q™	112	246	22.7	52.6
Mid-Atlantic	MA8141DGVT2PRIB	114	244	23.7	52.6
	Maturity Average		259	22.6	52.7
	L.S.D. (0.05)		22	1.9	1.1
	C.V.		8	8.5	1.9
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC70-27RIB	120	293	23.6	53.3
Seed Consultants	SC1170AM™	117	272	22.7	52.3
Hubner Seed	H4828RC2P	116	262	22.1	53.6
Pioneer Brand	P1847AML	118	256	22.3	54.1
DEKALB	DKC67-44RIB	117	256	22.0	51.9
DEKALB	DKC68-48RIB	118	251	23.1	53.1
	Maturity Average		265	22.6	53.0
	L.S.D. (0.05)		31	1.9	1.2
	C.V.		11	8.1	1.9
	Location Average		264	22	53



Table 24. Corn Yields at Jaylin Farms Inc. in Augusta County, Virginia, three-year average 2020, 2021, and 2022- Virginia Tech Trials.

<b>Brand/Company</b>	<b>Hybrid</b>	<b>DTM per Co.<sup>1</sup></b>	<b>Yield<sup>2</sup> bu/A</b>	<b>Moist %</b>	<b>Test Wt. lb/bu</b>
<b>108-111 Days Relative Maturity</b>					
DEKALB	DKC59-82RIB	109	237	19.4	53.3
Hubner Seed	H09G056	109	230	21.5	50.8
DEKALB	DKC61-41RIB	111	230	20.1	52.3
Hubner Seed	H4563RC2P	111	229	21.5	53.3
	Maturity Average		231	20.6	52.4
	L.S.D. (0.05)		17	1.4	1.1
	C.V.		8	7.8	1.8
<b>112-115 Days Relative Maturity</b>					
Hubner Seed	H4763RC2P	115	231	21.1	53.3
DEKALB	DKC65-95RIB	115	226	19.9	53.7
	Maturity Average		229	20.5	53.5
	L.S.D. (0.05)		19	1.3	0.8
	C.V.		9	7.3	1.7
<b>&gt;115 Days Relative Maturity</b>					
DEKALB	DKC70-27RIB	120	254	22.6	53.3
DEKALB	DKC67-44RIB	117	234	20.7	53.0
Hubner Seed	H4828RC2P	116	232	20.8	53.8
Seed Consultants	SC1170AM™	117	221	21.2	53.2
	Maturity Average		235	21.3	53.3
	L.S.D. (0.05)		21	1.3	0.8
	C.V.		10	6.9	1.5
	Location Average		232	21	53

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

2 Reported at 15.5% moisture.

Visit Virginia Cooperative Extension: [ext.vt.edu](http://ext.vt.edu)

Virginia Cooperative Extension programs and employment are open to all, regardless of age, color, disability, gender, gender identity, gender expression, national origin, political affiliation, race, religion, sexual orientation, genetic information, veteran status, or any other basis protected by law. An equal opportunity/affirmative action employer. Issued in furtherance of Cooperative Extension work, Virginia Polytechnic Institute and State University, Virginia State University, and the U.S. Department of Agriculture cooperating. Edwin J. Jones, Director, Virginia Cooperative Extension, Virginia Tech, Blacksburg; M. Ray McKinnie, Administrator, 1890 Extension Program, Virginia State University, Petersburg.