

Virginia Cooperative Extension

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VIRGINIA CORN HYBRID AND **MANAGEMENT TRIALS IN 2009**

Coordinators of Virginia Corn Hybrid Trials in 2009

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Companies Participating in the 2009 Corn Hybrid Trials

Brand	Address
Augusta Seed Dyna-Gro	473 Tisdale Farm Lane, Staunton, VA 24401 PO Box 1467 Galesburg, IL 61402
Doebler's and RPM	202 Tiadaghton Ave Jersey Shore, PA 17740
Mid-Atlantic	10280 West SR28 West Lebanon, IN 47991 204 St Charles Way #163 York, PA 17404
DEKALB Seed Consultants	800 N Lindbergh Blvd St Louis, MO 63167 PO Box 370 Washington Courthouse, OH 43160
Southern States	6606 West Broad St Richmond, VA 23230
NK Seeds and Garst T.A. Seeds Trisler	PO Box 959 Minneapolis, MN 55440 39 Seeds Lane Jersey Shore, PA 17740 3274 E 800 North Rd, Fairmount, IL 61841
	Augusta Seed Dyna-Gro Doebler's and RPM Hubner Seed Mid-Atlantic DEKALB Seed Consultants Southern States NK Seeds and Garst T.A. Seeds

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Background Information

Performance trials of commercial corn hybrids were conducted at seven locations in Virginia in 2009. 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 the companies participating in the trials is shown in the above table. All hybrids entered in the Virginia trials were 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 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 indicate 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.

2009 Virginia Corn Hybrid Plot Information

(Rates are on a per acre basis.)

Planted: April 29, 2009

Harvested: September 21-23, 2009

5.5 pt Lumax + 1.5 pt atrazine + 1.5 pt**Pesticide:**

Princep® preplant incorporated + 4 lb Force 3G®

at planting.

Fertilizer: 60-40-70 preplant incorporated; 17 gal 20-10-0 +

micronutrients at planting + 80 lb N fertigation

June 8 + 70 lb N fertigation June 25, 2009.

Irrigation: 0.25" June 8 1.0" July 6

> 0.45" June 25 1.0" July 9 0.8" July 17 0.6" June 26 0.8" August 13 1.0" June 30

Plot Size: 2 rows 25' x 30" 4 replications

Soil Type: State fine sandy loam

Cooperator: Bruce Beahm

Blacksburg Whitethorne Farm Planted: May 19, 2009

Harvested: October 26, 2009

Pesticide: 4 lb Force 3G® at planting; Python® at 1 oz +

simazine at 1 lb + Bicep II Mag® at 2 qt + Gly-4 Plus® at 2 qt May 8, 2009 preplant incorporated; 0.75 oz Impact® + 2.67 oz Permit® + 0.75 lb Atrazine® + 1% COC + 2% UAN June 25, 2009.

Fertilizer: 30-60-60 preplant incorporated May 14, 2009; 17 gal 20-10-0 + micronutrients at planting.

2 rows 25' x 30" 4 replications **Plot Size:**

Soil Type: Hayter Cooperator: Jon Wooge

Blackstone Southern Piedmont Agricultural Research & **Extension Center**

Planted: April 25, 2009 Harvested: September 3, 2009

4 lb Force 3G® at planting; 1.5 pt Dual II Pesticide:

Magnum® + 7 oz Callisto® + 2 qt atrazine 4L

April 28, 2009.

Fertilizer: 1000 lb 10-10-10 preplant incorporated April 17,

> 2009; 17 gal 20-10-0 + micronutrients at planting; 80 lb N topdressed using 34-0-0 May 28, 2009.

Plot Size: 2 rows 25' x 30" 4 replications

Soil Type: **Durham Sandy Loam**

Cooperator: Ned Jones

Holland Tidewater Agricultural Research & Extension

Center

Fertilizer:

Planted: April 24, 2009 Harvested: September 3-4, 2009

Pesticide: 2 qt Intro® + 1 qt Aatrex 4L® preplant

incorporated; 4 lb Force 3G® at planting; 0.75 oz

Accent® + 0.5 pt Aatrex 4L® May 20, 2009. 300 lb 9-15-36 April 14, 2009; 60 units N April

21, 2009, 17 gal 20-10-0 + micronutrients at

planting; 90 units N May 26, 2009.

2 rows 35' x 30" 4 replications **Plot Size:** Eunola, Dragston and Reins Soil Type:

Cooperator: Bobby Ashburn

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

April 28, 2009 Planted: Harvested: September 24-25, 2009

Pesticide: 5.5 pt Lumax + 1.5 pt atrazine + 1.5 pt

Princep® preplant incorporated + 4 lb Force 3G®

60-40-60 preplant incorporated; 17 gal 20-10-0 + Fertilizer:

micronutrients at planting; 75 lb N + 9 lb S

sidedressed June 2, 2009.

Plot Size: 2 rows 25' x 30" 4 replications

State fine sandy loam Soil Type:

Cooperator: Bruce Beahm

Shenandoah Valley (Waynesboro - Thanks to Kevin Phillips at North Point Farm)

Planted: May 13, 2009 October 30, 2009 Harvested:

Pesticide: 1.2 qt Roundup® + 2.8 qt Harness Extra® + 1 qt

Princep® preplant + 4 lb Force 3G® at planting.

Fertilizer: 1.5 tons poultry litter preplant + 17 gal 20-10-0 +

micronutrients at planting; 40 lb N sidedressed.

Plot Size: 2 rows 25' x 30" 4 replications

Soil Type: Coursey loam

Cooperators: Brian Jones and Kevin Phillips

Mt Holly (irrigated conventionally tilled site) Virginia Crop **Improvement Association Foundation Seed Farm**

				DTM per		Mt Holly	Mt Holly	Black-	Blacks-	Shenan-	
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	Holland	Dryland	Irrigated	stone	burg	doah	Mean
<108 Days Relative	Maturity										
Mid-Atlantic	MA5085	PL		106	105	113	107				108
Augusta Seed	A28-52GTCBLL	PL	CB/GU/GY	102	119	95	101				105
Augusta Seed	A5337EVT3	PL	CB/GY/RW	107	102	104	105			102	103
Trisler	T-4S61VT3	PL	CB/GY/RW	106		107	102			92	100
RPM	628HRQ	PL	CB/GU/GY/RW	107	107	102	103	103	91	93	100
Mid-Atlantic	MA8105VT3	PL	CB/GY/RW	105	90	105	103				99
Doebler's	660BVR	PL	CB/GY/RW	107	108	102	99	106	89	91	99
Augusta Seed	A08-03VT3	PL	CB/GY/RW	106	102	97	103		87	106	99
Mid-Atlantic	MA8009VT3	PL	CB/GY/RW	100	93	90	99				94
RPM	615HRQ	PL	CB/GU/GY/RW	107	86	102	105	80	95	94	94
Mid-Atlantic	MA5055GTCBLL	PL	CB/GU/GY	103	97	95	90				94
Hubner	H5226VT3	PL	CB/GY/RW	101	94	96	93			88	93
Augusta Seed	A06-07CBLL	PL	CB/GU	107		94	100		86	81	90
Mid-Atlantic	MA8029VT3	PL	CB/GY/RW	102	87	69	92				83
108-111 Days Relat	ive Maturity										
Augusta Seed	A06-06CBLL	PL	CB/GU	111		120	100		115	105	110
Dyna-Gro	57V40	PL	CB/GY/RW	111	109	111	102	103			106
Mid-Atlantic	MA8096VT3	PL	CB/GY/RW	108	100	116	102				106
Trisler	T-6N52VT3	PL	CB/GY/RW	110	105	106	111			96	105
DEKALB	DKC61-69(VT3)	PL	CB/GY/RW	111		110	105	96		106	104
Augusta Seed	A07-40	PL		109		111	99			101	104
Augusta Seed	A07-20GTCBLL	PL	CB/GU/GY	110	110	113	91		98		103
Mid-Atlantic	MA5109CBL	PL	CB/GU	110	101	107	96				101
T.A. Seeds	TA595-15	PL	CB/GU/RW	109	91	116	83	104	118	90	100
Mid-Atlantic	MA8109RR	PL	GY	110	81	106	113				100
Seed Consultants	SC 11AQ07	С	CB/GU/GY/RW	109		103	107		95	92	99
Hubner	H5477PR	PL	CB/GY/RW	110	93	100	93			107	98
Augusta Seed	A54-58CBLL	PL	CB/GU	109	105	95	100		88	101	98
T.A. Seeds	TA688-11	PL	CB/GU	110	93	95	96	105	90	100	97
Mid-Atlantic	MA5128HXT	PL	CB/GU/GY/RW	111	101	85	103				96
NK Brand	N69L-CB/LL	С	CB/GU	111	94	83	101	106			96
Hubner	H5462VT3	PL	CB/GY/RW	110	101	85	102			94	96

				DTM per		Mt Holly	Mt Holly	Black-	Blacks-	Shenan-	
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	Holland	Dryland	Irrigated	stone	burg	doah	Mean
NK Brand	N61P-GT/CB/LL	С	CB/GU/GY	108		99	94			92	95
NK Brand	N68B-CB/LL/RW	С	CB/GU/RW	110	79	97	102	102			95
Augusta Seed	A54-59CBLL	PL	CB/GU	109	95	92	102			90	95
DEKALB	DKC61-04(VT3)	PL	CB/GY/RW	111		92	94	91		99	94
Trisler	T-5N51VT3	PL	CB/GY/RW	108		95	95			92	94
Garst	85V87 GT/CB/LL	С	CB/GU/GY	108		90	95			91	92
Trisler	T-6A08VT3	PL	CB/GY/RW	109	93	78	96			89	89
Mid-Atlantic	MA9094	PL		108	82	91	90				88
Doebler's	634BVR	PL	CB/GY/RW	110	98	78	68	101	84	91	87
112-115 Days Relat	ive Maturity										
Seed Consultants	SCS 11HQ38	С	CB/GU/GY/RW	112		111	117		112	111	113
Mid-Atlantic	MA8138VT3	PL	CB/GY/RW	112	110	117	105				110
Augusta Seed	A007P	PH		115		105	111		115		110
Garst	82R03 CB/LL	С	CB/GU	115		104	108			115	109
Mid-Atlantic	MA8148VT3	PL	CB/GY/RW	112	115	101	111				109
NK Brand	N73V-3000GT	С	CB/GU/GY/RW	113		112	110			104	109
Seed Consultants	SC 11VTT48	С	CB/GY/RW	113		96	100		119	118	108
Dyna-Gro	57V21	PL	CB/GY/RW	115	120	103	96	108		112	108
NK Brand	N77H-CB/LL	С	CB/GU	115		110	108			106	108
Trisler	T-8A08VT3	PL	CB/GY/RW	113	110	102	111				108
Garst	83X61 3000GT	С	CB/GU/GY/RW	113		90	108			126	108
Mid-Atlantic	MA8129RR	PL	GY	112	93	111	116				107
DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114		111	107	99		107	106
DEKALB	DKC63-14(VT3)	PL	CB/GY/RW	113		120	99	98		107	106
Seed Consultants	SC 11AX30	С	CB/GU/GY	112		107	91		113	112	106
Seed Consultants	EX SCS 9116RR	С	GY	115		99	112		109	101	105
DEKALB	DKC65-63(VT3)	PL	CB/GY/RW	115		103	106	101		109	105
Seed Consultants	SC 11VTT45	С	CB/GY/RW	114		107	104		95	111	104
T.A. Seeds	TA717-19	PL	CB/GU/GY/RW	114	111	111	102	109	86	107	104
Augusta Seed	A5338EVT3	PL	CB/GY/RW	115		105	101			105	104
Hubner	H5655VT3	PL	CB/GY/RW	113	114	106	91			103	103
Trisler	T-8A02VT3	PL	CB/GY/RW	113	103	97	105			107	103
Hubner	H5707VT3	PL	CB/GY/RW	114	113	106	88			101	102
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113		105	107	103		93	102

Table 1. 2009 RELATIVE YIELD* of corn hybrids entered in three or more locations - Virginia Tech Trials, continued											
				DTM per		Mt Holly	Mt Holly	Black-	Blacks-	Shenan-	
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	Holland	Dryland	Irrigated	stone	burg	doah	Mean
DEKALB	DKC65-44(VT3)	PL	CB/GY/RW	115		112	97	97		100	102
T.A. Seeds	TA700-15	PL	CB/GU/RW	112	120	86	100	98	112	94	102
Augusta Seed	A08-01GTCBLL	PL	CB/GU/GY	114	101	108	100		89	106	101
Dyna-Gro	57\/38	PL	CB/GY/RW	113	118	92	88	102		98	100
NK Brand	N78B-CB/LL	С	CB/GU	115	109	106	97	94		91	99
Augusta Seed	A73-64GTCBLL	PL	CB/GU/GY	114	96	113	89				99
Seed Consultants	SCS 11HQ39	С	CB/GU/GY/RW	113		84	104		101	106	99
Dyna-Gro	58V72	PL		115	70	108	102	106		103	98
DEKALB	DKC62-54(VT3)	PL	CB/GY/RW	112		88	98	95		107	97
Trisler	T-7N88VT3	PL	CB/GY/RW	112	102	99	98			88	97
Dyna-Gro	57 ∨ 70	PL	CB/GY/RW	112	102	88	102	94			97
Seed Consultants	SC 11VTT56	С	CB/GY/RW	114		91	83		110	103	97
Hubner	H5582VT3	PL	CB/GY/RW	112	90	100	102			86	95
T.A. Seeds	TA775-13V	PL	CB/GY/RW	115	87	98	96	93	77	97	91
>115 Days Relative											
Seed Consultants	EX SCS 9117HQ	С	CB/GU/GY/RW	116		110	106		114	109	110
Seed Consultants	SCS 11HR69	С	CB/GU/GY	116		112	87		109	115	106
Augusta Seed	A61-66CBLL	PL	CB/GU	116	101	112	97		109	106	105
Seed Consultants	SC 11VTT79	С	CB/GY/RW	117		93	103		111	113	105
Augusta Seed	A76-64CB	PL	CB	116	107	91	96		112	105	102
T.A. Seeds	TA780-13V	PL	CB/GY/RW	116	95	108	94	109	94	100	100
Augusta Seed	A62-65CBLL	PL	CB/GU	117	94	93	95		104	102	98
Augusta Seed	A008VT3	PL	CB/GY/RW	117	106	98	89		94		97
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117		90	91	104		102	97
Seed Consultants	SC 11VTT97	С	CB/GY/RW	119		103	90		87	100	95
Southern States	SS 775 RR2	PH	GY	116		90	103			92	95
DEKALB	DKC69-40(VT3)	PL	CB/GY/RW	119		88	93	92		98	93

^{*}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.

¹ Insecticidal Seed Treatment (IST) PL = Poncho 250[®], PH = Poncho 1250[®], C = Cruiser[®].

² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt root worm, Herculex™ root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup® Ready, Roundup® Ready Corn 2, Agrisure®; IT = imidazolinanon-tolerant and includes Clearfield®; GU = gluphosinate-ammonium-tolerant and includes Liberty Link®.

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

Table 2. Two-year Average RELATIVE YIELD* (2008-2009) of corn hybrids entered in three or more locations each year - Virginia Tech Trials. DTM per # Relative IST¹ GT^2 Co.3 Hybrid Observations Yield Brand/Company <108 Days Relative Maturity ΡL 31 101 Mid-Atlantic MA5085 106 PL CB/GY/RW Doebler's 660BVR 107 48 97 Augusta Seed A06-07CBLL PL CB/GU 107 28 95 108-111 Days Relative Maturity MA8096VT3 109 Mid-Atlantic PLCB/GY/RW 108 29 Augusta Seed A06-06CBLL PL CB/GU 111 33 107 PL 25 102 Augusta Seed A07-40 109 **DEKALB** DKC61-69(VT3) PLCB/GY/RW 102 111 38 T.A. Seeds TA688-11 PLCB/GU 110 47 100 Trisler T-5N51VT3 PL CB/GY/RW 108 28 100 NK Brand С 31 100 N68B-CB/LL/RW CB/GU/RW 110 Trisler T-6N52VT3 PLCB/GY/RW 110 29 98 Hubner H5477PR PL CB/GY/RW 110 31 97 634BVR PL 93 Doebler's CB/GY/RW 110 47 112-115 Days Relative Maturity ΡL CB/GY/RW 115 46 108 Dyna-Gro 57V21 PL 29 107 Mid-Atlantic MA8138VT3 CB/GY/RW 112 Augusta Seed РΗ 27 107 A007P 115 SC 11VTT48 113 31 104 Seed Consultants С CB/GY/RW **DEKALB** DKC63-42(VT3) PL113 37 103 CB/GY/RW **DEKALB** DKC64-24(VT3) PLCB/GY/RW 114 34 103 PL T-8A02VT3 113 30 103 Trisler CB/GY/RW **DEKALB** DKC65-44(VT3) PLCB/GY/RW 115 30 103 PL 99 Hubner H5582VT3 CB/GY/RW 112 35 Seed Consultants 98 SC 11VTT56 С CB/GY/RW 114 33 >115 Days Relative Maturity Augusta Seed A76-64CB PL СВ 116 47 108 DKC67-87(RR2/YGCB) PL CB/GY 37 101 **DEKALB** 117 116 Southern States PH GΥ 25 97 SS 775 RR2 CB/GY/RW **DEKALB** DKC69-40(VT3) PL119 35 95 * 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. ¹ Insecticidal Seed Treatment (IST) PL = Poncho 250[®], PH = Poncho 1250[®], C = Cruiser[®]. ² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt rc worm, Herculex™ root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup® Ready, Roundup® Ready Corn 2, Agrisure®; IT = imidazolinanontolerant and includes Clearfield, GU = gluphosinate-ammonium-tolerant and includes Liberty Link. ³ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

Table 3.	Three-year Average	RELATIVE YIELD* (2007-2009) of co	rn hybrids e	ntered in three or mo	re

locations each ye	ear - Virginia Lech Trials	S.				
				DTM per	#	Relative
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	Observations	Yield
<108 Days Relativ	ve Maturity					
Augusta Seed	A-06-07CB	PL	СВ	107	48	99
112-115 Days Rel	ati∨e Maturity					
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	56	106
>115 Days Relativ	ve Maturity					
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	60	101

^{*} 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.

¹ Insecticidal Seed Treatment (IST) PL = Poncho 250[®], PH = Poncho 1250[®], C = Cruiser[®].

² Genetic Trait (GT), where CB = Bt corn borer, Herculex[™] corn borer, or YieldGard[®] corn borer; RW = Bt roc worm, Herculex[™] root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup[®] Ready, Roundup[®] Ready Corn 2, Agrisure[®]; IT = imidazolinanon-tolerant and includes Clearfield[®]; GU = gluphosinate-ammonium-tolerant and includes Liberty Link[®].

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

Table 4. Corn	Yields at the Tidew	ater AR	EC at HOLLAND, V	/IRGINIA in	2009 - Vir	ginia Tec	h Trials.
				DTM per	Yield ⁴	Moist	Test Wt.
Brand/Compar	ny Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu
<108 Days Rela	ative Maturity						
Augusta Seed	A28-52GTCBLL	PL	CB/GU/GY	102	157	14.8	49.8
Doebler's	660BVR	PL	CB/GY/RW	107	144	16.8	55.0
RPM	628HRQ	PL	CB/GU/GY/RW	107	143	16.8	55.0
Mid-Atlantic	MA5085	PL		106	139	15.7	52.3
Augusta Seed	A08-03VT3	PL	CB/GY/RW	106	136	18.9	58.0
Augusta Seed	A5337EVT3	PL	CB/GY/RW	107	135	17.3	55.9
Mid-Atlantic	MA5055GTCBLL	PL	CB/GU/GY	103	128	14.6	48.9
Hubner	H5226VT3	PL	CB/GY/RW	101	125	14.2	47.8
Mid-Atlantic	MA8009VT3	PL	CB/GY/RW	100	124	14.1	47.2
Mid-Atlantic	MA8105VT3	PL	CB/GY/RW	105	120	17.2	55.6
Mid-Atlantic	MA8029VT3	PL	CB/GY/RW	102	115	12.8	42.3
RPM	615HRQ	PL	CB/GU/GY/RW	107	114	15.7	52.3
131	31311111		Maturity Average	10.	131	15.7	51.6
			L.S.D. (0.05)		26	1.2	2.3
			C.V.		12	4.4	2.7
108-111 Days R	elative Maturity		0		12	7.7	2.1
Augusta Seed	A07-20GTCBLL	PL	CB/GU/GY	110	146	18.5	57.6
Dyna-Gro	57V40	PL	CB/GY/RW	111	145	16.0	53.1
Trisler	T-7A14VT3	PL	CB/GY/RW	111	144	17.1	55.5
Augusta Seed	A54-58CBLL	PL	CB/GU	109	139	16.1	53.1
Trisler	T-6N52VT3	PL	CB/GY/RW	110	139	15.6	51.9
Mid-Atlantic	MA5109CBL	PL	CB/GU	110	134	15.9	52.8
Mid-Atlantic	MA51030BL MA5128HXT	PL	CB/GU/GY/RW	111	134	16.7	54.7
Hubner	H5462VT3	PL	CB/GY/RW	110	134	15.4	51.6
Mid-Atlantic	MA8096VT3	PL	CB/GY/RW	108	132	16.4	54.0
Doebler's	634BVR	PL	CB/GY/RW	110	130	17.7	55.4
Augusta Seed	A54-59CBLL	PL	CB/GU	109	126	15.3	51.2
NK Brand	N69L-CB/LL	C	CB/GU	111	125	16.1	53.4
Hubner	H5477PR	PL	CB/GY/RW	110	125	16.4	54.0
					124		
Trisler	T-6A08VT3	PL	CB/GY/RW	109		15.5	51.7
T.A. Seeds	TA688-11	PL	CB/GU	110	123	16.7	54.8
T.A. Seeds	TA595-15	PL	CB/GU/RW	109	121	15.8	52.5
Mid-Atlantic	MA9094	PL	0.1	108	109	17.4	56.2
Mid-Atlantic	MA8109RR	PL	GY	110	107	16.9	55.1
NK Brand	N68B-CB/LL/RW	С	CB/GU/RW	110	105	15.6	51.3
			Maturity Average		128	16.4	53.8
		_	L.S.D. (0.05)		30	1.7	3.5
440 445 D			C.V.		15	6.7	4.1
	elative Maturity		0D (0) (/C) (1	445	450	46.7	F0.0
Dyna-Gro	57V21	PL	CB/GY/RW	115	159	18.7	58.3
T.A. Seeds	TA700-15	PL	CB/GU/RW	112	159	18.8	58.1
Dyna-Gro	57V38	PL	CB/GY/RW	113	156	17.5	56.5
Mid-Atlantic	MA8148VT3	PL	CB/GY/RW	112	153	18.2	57.7
NK Brand	N78N 3000GT	С	CB/GU/GY	115	152	24.0	58.7
Hubner	H5655VT3	PL	CB/GY/RW	113	151	18.1	57.5
Hubner	H5707VT3	PL	CB/GY/RW	114	150	18.0	57.3
T.A. Seeds	TA717-19	PL	CB/GU/GY/RW	114	147	19.0	58.6

continued.				DTM per	Yield ⁴	Moist	Test Wt.
D L/C	11 1 1	IST ¹	GT ²	Co.3			
Brand/Compan					bu/A	%	lb/bu
Trisler	T-8A08VT3	PL	CB/GY/RW	113	147	16.0	52.8
Mid-Atlantic	MA8138VT3	PL	CB/GY/RW	112	146	16.9	55.3
NK Brand	N78B-CB/LL	С	CB/GU	115	144	20.0	59.3
Trisler	T-8N52VT3	PL	CB/GY/RW	114	138	16.0	53.0
Trisler	T-8A02VT3	PL	CB/GY/RW	113	137	16.9	55.3
Dyna-Gro	57V70	PL	CB/GY/RW	112	136	16.5	54.4
Trisler	T-7N88VT3	PL	CB/GY/RW	112	135	16.7	54.7
Augusta Seed	A08-01GTCBLL	PL	CB/GU/GY	114	134	19.4	59.2
NK Brand	N77P 3000 GT	С	CB/GU/GY	114	130	19.4	59.2
Augusta Seed	A73-64GTCBLL	PL	CB/GU/GY	114	127	16.8	55.0
Mid-Atlantic	MA8129RR	PL	GY	112	124	17.0	55.4
Hubner	H5582VT3	PL	CB/GY/RW	112	119	16.7	54.7
T.A. Seeds	TA775-13V	PL	CB/GY/RW	115	116	20.8	59.9
Dyna-Gro	58V72	PL		115	93	16.6	54.6
•			Maturity Average		138	18.1	56.7
			L.S.D. (0.05)		26	1.1	1.7
			C.V.		12	3.7	1.9
>115 Days Rela	tive Maturity						
Augusta Seed	A76-64CB	PL	СВ	116	141	20.9	60.0
Augusta Seed	A008VT3	PL	CB/GY/RW	117	140	21.0	60.2
Augusta Seed	A61-66CBLL	PL	CB/GU	116	134	21.7	59.9
T.A. Seeds	TA780-13V	PL	CB/GY/RW	116	126	21.1	60.2
Augusta Seed	A62-65CBLL	PL	CB/GU	117	125	22.2	59.5
Dyna-Gro	V60YR82	PL	CB/GY	120	123	22.9	59.7
			Maturity Average		132	21.6	59.9
			L.S.D. (0.05)		25	1.5	0.9
			C.V.		12	4.4	1.0
			Location Average		133	17.5	55.1

² Genetic Trait (GT), where CB = Bt corn borer, Herculex[™] corn borer, or YieldGard[®] corn borer; RW = Bt root worm, Herculex[™] root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup[®] Ready, Roundup[®] Ready Corn 2, Agrisure[®]; IT = imidazolinanon-tolerant and includes Clearfield[®]; GU = gluphosinate-ammonium-tolerant and includes Liberty Link[®].

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies

⁴ Reported at 15.5% moisture.

Planted April 24, 2009. Harvested September 4, 2009. Population was 23,254 plants/acre.

Table 5. Two-year Average Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2008 and 2009 - Virginia Tech Trials. DTM per Yield⁴ Test Wt. Moist IST¹ GT² Co.3 Brand/Compa Hybrid bu/A % lb/bu <108 Days Relative Maturity Doebler's 660BVR PL CB/GY/RW 107 162 20.2 53.4 PL Mid-Atlantic MA5085 106 137 18.3 52.8 155 18.9 53.1 Maturity Average L.S.D. (0.05) 1.9 53 1.0 C.V. 1.2 11 1.9 108-111 Days Relative Maturity Mid-Atlantic MA8096VT3 PL CB/GY/RW 108 168 19.4 53.0 PL CB/GY/RW 19.4 54.5 Hubner H5477PR 110 149 Trisler T-6N52VT3 PL CB/GY/RW 110 146 19.0 53.6 T.A. Seeds PL 54.0 TA688-11 CB/GU 110 145 19.6 PL CB/GY/RW 137 55.8 Doebler's 634BVR 110 20.2 NK Brand N68B-CB/LL/RW С CB/GU/RW 110 136 19.1 51.5 Maturity Average 146 19.5 53.7 25 L.S.D. (0.05) 1.7 3.0 C.V. 14 7.0 4.5 112-115 Days Relative Maturity 112 Mid-Atlantic MA8138VT3 PL CB/GY/RW 180 20.8 52.9 Dyna-Gro 57V21 PL CB/GY/RW 115 164 21.9 54.1 С 25.9 54.7 NK Brand N78N 3000GT CB/GU/GY 115 162 С NK Brand N77P 3000 GT CB/GU/GY 114 149 21.8 55.6 Trisler T-8A02VT3 PL CB/GY/RW 113 145 20.0 53.6 PL Hubner H5582VT3 CB/GY/RW 112 143 19.1 53.6 Maturity Average 157 21.2 54.1 L.S.D. (0.05) 20 1.3 1.2 C.V. 10 4.8 1.6 >115 Days Relative Maturity CB/GY 120 160 24.4 56.2 Dyna-Gro V60YR82 PL 22.4 Augusta Seed A76-64CB PL СВ 55.9 116 158 Maturity Average 157 24.2 56.1 L.S.D. (0.05) 38 1.3 1.3 12 2.7 1.2 Location Average 153 54.1 20.7 ¹ Insecticidal Seed Treatment (IST) PL = Poncho 250[®], PH = Poncho 1250[®], C = Cruiser[®]. ² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt rootworm, Herculex™ root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant

and includes Roundup® Ready, Roundup® Ready Corn 2, Agrisure®; IT = imidazolinanon-

tolerant and includes Clearfield[®]; GU = gluphosinate-ammonium-tolerant and includes Liberty Link[®].

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

⁴ Reported at 15.5% moisture.

Table 6. Three-year Av		Yields at th	e Tidewate	er AREC a	t HOLLAN	Ď, VIRGINI	Α,
2007-2009 - Virginia Te	ch Trials.						
			DTM per	Yield ⁴	Moist	Test Wt.	
Brand/Comp Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu	
>115 Days Relative Mat	turity						
Dyna-Gro V60YR82	PL	CB/GY	120	160	22.9	56.0	
¹ Insecticidal Seed Treatr	nent (IST) PL	= Poncho 2	50 [®] , PH = F	oncho 125	0 [®] , C = Cr	uiser®.	
² Genetic Trait (GT), when	re CB = Bt c	orn borer, Hei	rculex™ cor	n borer, or	YieldGard ⁰	orn borer	; RW = Bt
rootworm, Herculex™ roc	ot worm, Agri	sure® root w	orm, or Yield	dGard® roo	t worm; G	Y = glyphos	ate-tolerai
and includes Roundup® F	Ready, Round	dup [®] Ready C	Corn 2, Agris	sure®; IT =	imidazolina	anon-	
tolerant and includes Clea	arfield [®] ; GU =	gluphosinat	e-ammoniur	n-tolerant a	and include	s Liberty Li	nk®.
³ Days to maturity provide	ed by compa	ny; difference	s in maturit	y rating me	thods may	exist betw	een
companies.							
⁴ Reported at 15.5% mois	sture.						

Table 7. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Sec

. arm at mr HOLL	Y, VIRGINIA in 2009	- wing	jiiid 100/1 111d/3i	DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	WOIST	lb/bu
<108 Days Relativ		131	01	CU.	DU/A	70	ID/DU
Mid-Atlantic	MA5085	PL		106	166	15.2	50.9
Trisler	T-4S61VT3	PL	CB/GY/RW	106	157	15.5	51.8
Mid-Atlantic	MA8105VT3	PL	CB/GY/RW	105	153	16.9	54.9
Augusta Seed	A5337EVT3	PL	CB/GY/RW	107	152	19.0	58.6
RPM	615HRQ	PL	CB/GU/GY/RW	107	150	15.2	50.8
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	149	16.0	53.0
RPM	628HRQ	PL	CB/GU/GY/RW	107	149	16.2	53.6
Doebler's	660BVR	PL	CB/GY/RW	107	149	16.0	53.1
Augusta Seed	A08-03VT3	PL	CB/GY/RW	106	142	17.7	56.3
Hubner	H5226VT3	PL	CB/GY/RW	100	141	15.9	51.4
Augusta Seed	A28-52GTCBLL	PL	CB/GU/GY	101	140	15.5	51.7
Mid-Atlantic	MA5055GTCBLL	PL	CB/GU/GY	102	138	13.8	46.4
Augusta Seed	A06-07CBLL	PL	CB/GU	103	138	15.0	50.8
Mid-Atlantic	MA8009VT3	PL	CB/GY/RW	107	138	14.8	49.7
Mid-Atlantic	MA8029VT3	PL	CB/GY/RW	100	101	12.5	41.1
IVIIU-Atlantic	IVIAOUZJV 13	PL	Maturity Average	102	143	15.6	51.4
			, ,		25	1.9	4.7
			L.S.D. (0.05)		25 11	7.5	5.6
108-111 Days Rela	tivo Maturity		C.V.		11	7.5	5.6
Augusta Seed	A06-06CBLL	PL	CB/GU	111	176	17.7	56.8
Mid-Atlantic	MA8096VT3	PL	CB/GY/RW	108	170	16.6	54.5
T.A. Seeds	TA595-15	PL	CB/GU/RW	109	169	15.7	52.3
Augusta Seed	A07-20GTCBLL	PL	CB/GU/GY	110	165	18.5	58.0
Augusta Seed Augusta Seed	A07-40	PL	CD/G0/G1	109	162	15.2	50.7
Dyna-Gro	57V40	PL	CB/GY/RW	111	162	17.9	56.7
NK Brand	N72K-GT/CB/LL	C	CB/GU/GY	111	161	16.9	55.2
DEKALB				111	160	16.3	53.8
	DKC61-69(VT3)	PL	CB/GY/RW CB/GU	110	156	15.3	
Mid-Atlantic	MA5109CBL	PL					51.1
Trisler	T-6N52VT3	PL	CB/GY/RW	110	155	16.4	53.9
Mid-Atlantic	MA8109RR	PL	GY	110	155	17.6	56.5
Seed Consultants	SC 11AQ07	С	CB/GU/GY/RW	109	151	19.1	58.8
Hubner	H5477PR	PL	CB/GY/RW	110	147	16.6	54.6
NK Brand	N61P-GT/CB/LL	С	CB/GU/GY	108	145	16.0	53.1
NK Brand	N68B-CB/LL/RW	С	CB/GU/RW	110	142	17.5	56.5
Garst	84U57 CB/LL/RW	С	CB/GU/RW	110	142	17.5	56.0
T.A. Seeds	TA688-11	PL	CB/GU	110	140	16.6	54.5
Augusta Seed	A54-58CBLL	PL	CB/GU	109	139	16.8	54.4
Trisler	T-5N51VT3	PL	CB/GY/RW	108	139	15.7	52.2
Augusta Seed	A54-59CBLL	PL	CB/GU	109	135	15.9	52.6
DEKALB	DKC61-04(VT3)	PL	CB/GY/RW	111	134	16.2	53.7
Mid-Atlantic	MA9094	PL	LOD (OLLIC) (108	134	17.0	55.4
Garst	85V87 GT/CB/LL	С	CB/GU/GY	108	132	16.1	53.4
Hubner	H5462VT3	PL	CB/GY/RW	110	125	16.2	53.6
Mid-Atlantic	MA5128HXT	PL	CB/GU/GY/RW	111	124	16.7	54.7
NK Brand	N69L-CB/LL	С	CB/GU	111	121	16.9	55.0
Dyna-Gro	56N86	PL		108	120	17.1	55.4

Table 7. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Sec

Parad/Company	Farm at MT HOLL	Y, VIRGINIA in 200	9 - Virg	ginia Tech Trials, d	continued.			
Deabler's 6348VR						Yield ⁴	Moist	Test Wt.
Trisler	Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu
Maturity Average	Doebler's	634BVR	PL	CB/GY/RW	110	114	16.2	53.5
LS,D (0.05) 35 1.2 2.6	Trisler	T-6A08VT3	PL	CB/GY/RW	109	114	16.2	53.6
LS D. (0.05) 35 1.2 2.6				Maturity Average		143	16.7	54.4
112.115 Days Relative Maturity						35	1.2	2.6
DEKALB				C.V.		16	4.8	3.1
DEKALB	112-115 Days Rela	ntive Maturity						
Augusta Seed A73-64GTCBLL PL CB/GU/GY 114 165 18.4 57.8 NK Brand N73V-3000GT C CB/GU/GY/RW 113 165 18.3 57.7 DEKALB DKc65-44(VT3) PL CB/GY/RW 115 164 20.0 59.1 Mid-Atlantic MA8129RR PL GY 112 163 19.2 58.8 T.A. Seeds TA717-19 PL CB/GU/GY/RW 114 163 18.6 58.2 Seed Consultants SC 11HQ38 C CB/GU/GY/RW 114 162 17.8 56.9 NK Brand N77H-CB/L C CB/GU/GY 114 162 17.8 56.9 NK Brand N77H-CB/L C CB/GU/GY 115 161 18.0 57.0 NK Brand N77H-CB/L C CB/GU/GY 114 158 18.7 58.4 Seed Consultants SC 11AX30 C CB/GU/GY 114 156 18.4			PL	CB/GY/RW	113	176	17.6	56.3
NK Brand	Mid-Atlantic	MA8138VT3	PL	CB/GY/RW	112	171	19.3	58.6
NK Brand	Augusta Seed	A73-64GTCBLL	PL	CB/GU/GY	114	165	18.4	57.8
Mid-Atlantic MA8129RR PL GY 112 163 19.2 58.8 T.A. Seeds TA717-19 PL CB/GU/GY/RW 114 163 18.6 58.2 Seed Consultants CS 11HQ38 C CB/GU/GY/RW 112 162 16.9 54.9 DEKALB DKC64-24(VT3) PL CB/GY/RW 114 162 17.8 56.9 NK Brand N77H-CB/LL C CB/GU/GY 115 161 18.0 57.0 Dyna-Gro 58V72 PL 115 169 20.2 59.2 Augusta Seed A08-01GTCBLL PL CB/GU/GY 114 158 18.7 58.2 Seed Consultants SC 11VTT45 C CB/GU/GY 112 157 17.2 55.6 Hubner H507VT3 PL CB/GU/GY/RW 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU 115 155 19.9 59.5			С	CB/GU/GY/RW	113	165	18.3	57.7
Mid-Atlantic MA8129RR PL GY 112 163 19.2 58.8 T.A. Seeds TA717-19 PL CB/GU/GY/RW 114 163 18.6 58.2 Seed Consultants CS 31H038 C CB/GU/GY/RW 114 162 16.9 54.9 DEKALB DKC64-24(VT3) PL CB/GY/RW 114 162 17.8 56.9 NK Brand N77H-CB/LL C CB/GU/GY 115 161 18.0 57.0 Dyna-Gro 58V72 PL 115 159 20.2 59.2 Augusta Seed A08-01GTCBLL PL CB/GU/GY 114 158 18.7 58.4 Seed Consultants SC 11VTT45 C CB/GU/GY 112 157 17.2 55.6 Hubner H570YT3 PL CB/GU/GYRW 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU/GYRW 115 155 19.9 59.5 <t< td=""><td>DEKALB</td><td>DKC65-44(VT3)</td><td>PL</td><td>CB/GY/RW</td><td>115</td><td>164</td><td>20.0</td><td>59.1</td></t<>	DEKALB	DKC65-44(VT3)	PL	CB/GY/RW	115	164	20.0	59.1
Seed Consultants	Mid-Atlantic		PL	GY	112	163	19.2	58.8
DEKALB DKC64-24(VT3) PL CB/GY/RW 114 162 17.8 56.9 NK Brand N77H-CB/LL C CB/GU 115 161 18.0 57.0 Dyna-Gro 58V72 PL 1115 159 20.2 59.2 Augusta Seed A08-01GTCBLL PL CB/GU/GY 114 158 18.7 58.4 Seed Consultants SC 11AX30 C CB/GU/GY 112 157 17.2 55.6 Seed Consultants SC 11AX30 C CB/GU/GY 112 157 17.2 55.6 Seed Consultants SC 11AX30 C CB/GU/W 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU 115 155 19.9 59.5 Hubner H5655VT3 PL CB/GY/RW 113 155 18.5 58.0 Augusta Seed A5338EVT3 PL CB/GY/RW 115 154 17.8 56.7	T.A. Seeds	TA717-19	PL	CB/GU/GY/RW	114	163	18.6	58.2
DEKALB DKC64-24(VT3) PL CB/GY/RW 114 162 17.8 56.9 NK Brand N77H-CB/LL C CB/GU 115 161 18.0 57.0 Dyna-Gro 58V72 PL 1115 159 20.2 59.2 Augusta Seed A08-01GTCBLL PL CB/GU/GY 114 158 18.7 58.4 Seed Consultants SC 11AX30 C CB/GU/GY 112 157 17.2 55.6 Seed Consultants SC 11AX30 C CB/GU/GY 112 157 17.2 55.6 Seed Consultants SC 11AX30 C CB/GU/W 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU 115 155 19.9 59.5 Hubner H5655VT3 PL CB/GY/RW 113 155 18.5 58.0 Augusta Seed A5338EVT3 PL CB/GY/RW 115 154 17.8 56.7			С	CB/GU/GY/RW				
NK Brand N77H-CB/LL C CB/GU 115 161 18.0 57.0 C Dyna-Gro 58V72 PL 115 159 20.2 59.2 Sed A08-01GTCBLL PL CB/GY/RW 114 158 18.7 58.4 Seed Consultants SC 11VTT45 C CB/GY/RW 114 157 19.9 59.6 Seed Consultants SC 11AX30 C CB/GY/RW 114 157 17.2 55.6 Hubner H5707VT3 PL CB/GY/RW 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU/GY 112 157 17.2 55.6 Hubner H5655VT3 PL CB/GY/RW 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU/RW 113 155 18.5 58.0 Augusta Seed A007P PH 115 154 17.8 56.7 Augusta Seed A5338EVT3 PL CB/GY/RW 113 155 18.5 58.0 DEKALB DKC63-42(VT3) PL CB/GY/RW 115 154 16.8 54.8 DEKALB DKC65-63(VT3) PL CB/GY/RW 115 153 19.3 58.3 Dyna-Gro 57V21 PL CB/GY/RW 115 151 16.9 55.2 Trisler T-8A08VT3 PL CB/GY/RW 115 151 16.9 55.2 Trisler T-8A08VT3 PL CB/GY/RW 115 151 16.9 55.2 Trisler T-7N88VT3 PL CB/GY/RW 112 148 19.7 59.2 Hubner H5582VT3 PL CB/GY/RW 112 146 18.2 57.5 Seed Consultants EX SCS 9116RR C GY T15 143 17.8 56.8 Trisler T-8A08VT3 PL CB/GY/RW 115 145 16.8 54.9 Trisler T-8A02VT3 PL CB/GY/RW 115 145 16.8 54.9 Trisler T-8A02VT3 PL CB/GY/RW 115 145 146 18.2 57.5 Seed Consultants EX SCS 9116RR C GY T15 145 146 18.2 57.5 Seed Consultants SC 11VTT66 C CB/GY/RW 113 143 17.0 55.3 Seed Consultants SC 11VTT66 C CB/GY/RW 113 134 17.6 56.5 Seed Consultants SC 11VTT66 C CB/GY/RW 114 133 17.8 56.8 Garst 83X61 3000GT C CB/GY/RW 112 129 15.1 50.6 Dyna-Gro 57V70 PL CB/GY/RW 112 129 15.1 50.6 Dyna-Gro 57V70 PL CB/GY/RW 112 129 15.1 50.6 Dyna-Gro 57V70 PL CB/GY/RW 112 129 15.1 50.6 Seed Consultants SC S 11HQ39 C CB/GY/RW 112 129 16.8 54.9 T15 T15	DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114	162	17.8	56.9
Augusta Seed A08-01GTCBLL PL CB/GU/GY 114 158 18.7 58.4 Seed Consultants SC 11VTT45 C CB/GY/RW 114 157 19.9 59.6 Seed Consultants SC 11AX30 C CB/GU/GY 112 157 17.2 55.6 Hubner H5707VT3 PL CB/GY/RW 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU 115 155 19.9 59.5 Hubner H5655VT3 PL CB/GY/RW 113 155 18.5 58.0 Augusta Seed A007P PH 115 154 17.8 56.7 Augusta Seed A5338EVT3 PL CB/GY/RW 113 153 18.7 58.1 Augusta Seed A5338EVT3 PL CB/GY/RW 113 153 18.3 56.7 Augusta Seed A538EVT3 PL CB/GY/RW 115 153 19.3 58.3 <t< td=""><td>NK Brand</td><td></td><td></td><td>CB/GU</td><td>115</td><td>161</td><td>18.0</td><td>57.0</td></t<>	NK Brand			CB/GU	115	161	18.0	57.0
Seed Consultants SC 11VTT45 C CB/GY/RW 114 157 19.9 59.6 Seed Consultants SC 11AX30 C CB/GU/GY 112 157 17.2 55.6 Hubner H5707VT3 PL CB/GY/RW 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU 115 155 19.9 59.5 Hubner H5655VT3 PL CB/GY/RW 113 155 18.5 58.0 Augusta Seed A007P PH 115 154 17.8 56.7 Augusta Seed A5338EVT3 PL CB/GY/RW 113 154 16.8 54.8 DEKALB DKC63-42(VT3) PL CB/GY/RW 115 153 18.7 58.1 DEKALB DKC65-63(VT3) PL CB/GY/RW 115 151 20.0 59.4 DEKALB DKC65-63(VT3) PL CB/GY/RW 115 151 16.9 55.2	Dyna-Gro	58V72	PL		115	159	20.2	59.2
Seed Consultants SC 11VTT45 C CB/GY/RW 114 157 19.9 59.6 Seed Consultants SC 11AX30 C CB/GU/GY 112 157 17.2 55.6 Hubner H5707VT3 PL CB/GY/RW 114 156 18.4 57.8 NK Brand N78B-CB/LL C CB/GU 115 155 19.9 59.5 Hubner H5655VT3 PL CB/GY/RW 113 155 18.5 58.0 Augusta Seed A007P PH 115 154 17.8 56.7 Augusta Seed A5338EVT3 PL CB/GY/RW 113 154 16.8 54.8 DEKALB DKC63-42(VT3) PL CB/GY/RW 115 153 18.7 58.1 DEKALB DKC65-63(VT3) PL CB/GY/RW 115 151 20.0 59.4 DEKALB DKC65-63(VT3) PL CB/GY/RW 115 151 16.9 55.2	Augusta Seed	A08-01GTCBLL	PL	CB/GU/GY	114	158	18.7	58.4
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L.S.D. (0.05) 39 1.4 2.2	2 2 3 4 3 5 HOGH GIRLS	200 1111900	+		. 10			
1								
				C.V.		17	5.0	2.5

Table 7. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Sec Farm at MT HOLLY, VIRGINIA in 2009 - Virginia Tech Trials, continued.

	Y, VIRGINIA IN 2009			DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu
>115 Days Relativ	e Maturity						
Seed Consultants	SCS 11HR69	С	CB/GU/GY	116	165	18.5	58.0
Augusta Seed	A61-66CBLL	PL	CB/GU	116	164	19.6	59.3
Seed Consultants	EX SCS 9117HQ	С	CB/GU/GY/RW	116	161	17.2	55.9
T.A. Seeds	TA780-13V	PL	CB/GY/RW	116	157	19.6	59.4
Seed Consultants	SC 11VTT97	С	CB/GY/RW	119	150	19.4	59.2
Augusta Seed	A008VT3	PL	CB/GY/RW	117	144	18.9	58.4
Augusta Seed	A62-65CBLL	PL	CB/GU	117	136	18.9	58.2
Seed Consultants	SC 11VTT79	С	CB/GY/RW	117	136	20.7	59.7
Augusta Seed	A76-64CB	PL	СВ	116	133	19.9	59.4
DEKALB	DKC67-87(RR2/YG	PL	CB/GY	117	132	17.3	55.9
Southern States	SS 775 RR2	PH	GY	116	131	18.4	57.9
DEKALB	DKC69-40(VT3)	PL	CB/GY/RW	119	129	16.8	54.6
			Maturity Average		145	18.8	58.0
			L.S.D. (0.05)		35	1.1	1.4
			C.V.		14	3.5	1.4
			Location Average		146	17.4	55.5
¹ Insecticidal Seed	Treatment (IST) PL =	Ponch	no 250®, PH = Pond	:ho 1250 [®] , (C = Cruisei	R	

Planted April 28, 2009. Harvested September 24, 2009. Population was 24,500 plants/acre.

² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt roc worm, Herculex root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup[®] Ready, Roundup[®] Ready Corn 2, Agrisure[®]; IT = imidazolinanontolerant and includes Clearfield®; GU = gluphosinate-ammonium-tolerant and includes Liberty Link®.

³ Days to maturity provided by company; differences in maturity rating methods may exist between companie

⁴ Reported at 15.5% moisture.

Table 8. Two-year Average Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2008 and 2009 - Virginia Tech Trials

improvement Fo	undation Seed Farm a	IIA IN ZUUB					
				DTM per	Yield⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu
<108 Days Relati							
Mid-Atlantic	MA5085	PL		106	160	16.9	55.5
Doebler's	660BVR	PL	CB/GY/RW	107	154	16.2	53.6
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	151	16.4	53.4
Augusta Seed	A06-07CBLL	PL	CB/GU	107	149	15.3	52.1
			Maturity Avera	ge	152	15.9	52.9
			L.S.D. (0.05)	Ĭ	24	0.7	1.4
			C.V.		11	2.8	1.8
108-111 Days Rel	ative Maturity						
Augusta Seed	A07-40	PL		109	168	16.7	54.4
Augusta Seed	A06-06CBLL	PL	CB/GU	111	167	17.9	55.5
DEKALB	DKC61-69(VT3)	PL	CB/GY/RW	111	164	16.3	54.0
Mid-Atlantic	MA8096VT3	PL	CB/GY/RW	108	161	16.9	54.0
NK Brand	N68B-CB/LL/RW	С	CB/GU/RW	110	154	17.3	54.7
Trisler	T-6N52VT3	PL	CB/GY/RW	110	150	16.9	54.5
Trisler	T-5N51VT3	PL	CB/GY/RW	108	148	16.5	53.5
Hubner	H5477PR	PL	CB/GY/RW	110	147	17.2	55.4
T.A. Seeds	TA688-11	PL	CB/GU	110	144	16.5	54.2
Doebler's	634BVR	PL	CB/GY/RW	110	129	17.2	55.3
B 0 0 2 1 0 1 0	00 15 7 1 (<u> </u>	Maturity Avera		153	16.9	54.7
			L.S.D. (0.05)		18	0.7	1.7
			C.V.		11	3.7	2.9
112-115 Days Rel	ative Maturity					0.,	2.0
DEKALB	DKC65-44(VT3)	PL	CB/GY/RW	115	165	19.4	57.8
Mid-Atlantic	MA8138VT3	PL	CB/GY/RW	112	164	19.0	55.6
DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114	160	18.0	56.5
Dyna-Gro	57V21	PL	CB/GY/RW	115	154	20.0	56.0
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	153	17.4	56.0
Augusta Seed	A007P	PH	02/01/100	115	151	17.7	56.0
Trisler	T-8A02VT3	PL	CB/GY/RW	113	146	17.6	55.0
Seed Consultants		C	CB/GY/RW	113	142	20.6	55.1
Hubner	H5582VT3	PL	CB/GY/RW	112	141	16.9	55.0
Seed Consultants		C	CB/GY/RW	114	132	18.1	56.0
occa consaltants	00 11 1 1130		Maturity Avera		151	18.6	55.8
			L.S.D. (0.05)		25	0.9	1.6
			C.V.		15	4.5	2.6
>115 Days Relati	ve Maturity		3. 7.		- 15	1.0	2.0
Augusta Seed	A76-64CB	PL	СВ	116	151	19.9	56.3
DEKALB	DKC67-87(RR2/YGCB)		CB/GY	117	138	18.4	54.8
Southern States	SS 775 RR2	PH	GY	116	136	18.8	55.6
DEKALB	DKC69-40(VT3)	PL	CB/GY/RW	119	135	19.5	54.8
	2. (333 13(+ 13)		Maturity Avera		136	19.0	55.6
			L.S.D. (0.05)		23	1.0	1.2
			C.V.		12	3.7	1.6
			Location Avera	age	150	17.7	55.0
			Location Avera	49 ⁶	130	11.1	33.0

Table 8. Two-year Average Corn Yields under DRYLAND conditions at the Virginia Crop									
Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2007 and 2008 - Virginia Tech Trials									
continued.									
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] , PH = Poncho 1250 [®] , C = Cruiser [®] .									
² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt root									
worm, Herculex™	root worm, Agrisure® r	oot worm,	or YieldGard®ı	oot worm;	GY = gly	phosate-tole	erant		
and includes Rour	ndup [®] Ready, Roundup [®]	Ready Co	orn 2, Agrisure [®]	; IT = imida	ızolinanoı	n-			
tolerant and include	tolerant and includes Clearfield [®] ; GU = gluphosinate-ammonium-tolerant and includes Liberty Link [®] .								
³ Days to maturity provided by company; differences in maturity rating methods may exist between companies									
⁴ Reported at 15.5	5% moisture.								

	ear Average Corn Yie						-
Improvement Fo	undation Seed Farm a	t MT H	IOLLY, VIRGINIA	, 2007-200	9 - Virgiı	nia Tech	Trials.
				DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu
<108 Days Relative Maturity							
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	116	16.5	53.7
Augusta Seed	A-06-07CB	PL	СВ	107	115	15.3	52.3
			Maturity Average		115	15.9	53.0
			L.S.D. (0.05)		13	0.6	1.0
			C.V.		12	3.9	1.9
112-115 Days Relative Maturity							
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	127	17.7	55.3
>115 Days Relati	ve Maturity						
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	107	19.0	54.4
			Location Average		116	17.1	53.9
¹ Insecticidal Seed	d Treatment (IST) PL = P	oncho	250 [®] , PH = Ponch	no 1250 [®] , (C = Cruis	er®.	
² Genetic Trait (G	Γ), where $CB = Bt$ corn b	orer, H	erculex™ corn bor	er, or Yield	dGard® co	orn borer;	RW = Bt
	x [™] root worm, Agrisure0						
	ndup® Ready, Roundup®						
	les Clearfield®; GU = glu						nk®
	provided by company; d					•	
companies.	provided by company, d	11161611	les in maturity rati	Ing intention	is illay 67	VIST DELWE	
⁴ Reported at 15.5	19/2 maistura						
Repulled at 15.5	70 IIIOISTUIE.						

	HOLLY, VIRGINIA		<u>g</u>	DTM per	Yield ⁴	Moist	Test Wt.
D	I la ele mi el	IST ¹	GT ²	Co.3	bu/A	WO St	lb/bu
Brand/Company	Hybrid	131	G I	Co.	DU/A	70	ID/DU
<108 Days Relativ		П		400	274	45.0	F0 0
Mid-Atlantic	MA5085	PL	OD (O) (/ D) A (106	274	15.0	50.2
Augusta Seed	A5337EVT3	PL	CB/GY/RW	107	271	16.9	55.2
RPM	615HRQ	PL	CB/GU/GY/RW	107	270	16.1	53.4
Mid-Atlantic	MA8105VT3	PL	CB/GY/RW	105	265	18.1	57.4
RPM	628HRQ	PL	CB/GU/GY/RW	107	264	16.2	53.5
Augusta Seed	A08-03VT3	PL	CB/GY/RW	106	264	17.6	56.4
Trisler	T-4S61VT3	PL	CB/GY/RW	106	263	15.4	51.4
Augusta Seed	A28-52GTCBLL	PL	CB/GU/GY	102	259	15.3	51.1
Augusta Seed	A06-07CBLL	PL	CB/GU	107	256	15.0	50.3
Doebler's	660BVR	PL	CB/GY/RW	107	256	16.7	54.7
Mid-Atlantic	MA8009VT3	PL	CB/GY/RW	100	255	15.2	51.0
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	245	16.3	53.9
Hubner	H5226VT3	PL	CB/GY/RW	101	238	14.2	47.6
Mid-Atlantic	MA8029VT3	PL	CB/GY/RW	102	237	13.7	45.7
Mid-Atlantic	MA5055GTCBLL	PL	CB/GU/GY	103	231	14.2	47.5
			Maturity Average		256	15.7	51.9
			L.S.D. (0.05)		26	0.9	2.7
			C.V.		7	4.1	3.5
108-111 Days Rela	ntive Maturity						
NK Brand	N72K-GT/CB/LL	С	CB/GU/GY	111	294	17.9	57.2
Mid-Atlantic	MA8109RR	PL	GY	110	291	16.1	53.2
Trisler	T-6N52VT3	PL	CB/GY/RW	110	286	16.8	55.1
Seed Consultants	SC 11AQ07	С	CB/GU/GY/RW	109	275	17.1	55.6
Garst	84U57 CB/LL/RW	С	CB/GU/RW	110	274	16.7	54.7
DEKALB	DKC61-69(VT3)	PL	CB/GY/RW	111	269	16.4	54.0
Mid-Atlantic	MA5128HXT	PL	CB/GU/GY/RW	111	266	16.6	54.5
Dyna-Gro	56N86	PL		108	266	15.6	52.1
NK Brand	N68B-CB/LL/RW	С	CB/GU/RW	110	263	17.0	55.3
Hubner	H5462VT3	PL	CB/GY/RW	110	263	16.7	54.7
Dyna-Gro	57V40	PL	CB/GY/RW	111	262	17.5	56.3
Augusta Seed	A54-59CBLL	PL	CB/GU	109	262	15.8	52.4
Mid-Atlantic	MA8096VT3	PL	CB/GY/RW	108	261	16.8	54.9
NK Brand	N69L-CB/LL	C	CB/GU	111	260	15.8	52.6
Augusta Seed	A54-58CBLL	PL	CB/GU	109	258	16.3	53.6
Augusta Seed	A06-06CBLL	PL	CB/GU	111	257	17.0	55.4
Augusta Seed	A07-40	PL		109	253	15.9	52.7
Trisler	T-6A08VT3	PL	CB/GY/RW	109	246	16.6	54.5
T.A. Seeds	TA688-11	PL	CB/GU	110	246	16.5	54.2
Mid-Atlantic	MA5109CBL	PL	CB/GU	110	246	15.3	51.1
Trisler	T-5N51VT3	PL	CB/GY/RW	108	245	15.9	52.7
Garst	85V87 GT/CB/LL	C	CB/GU/GY	108	243	15.5	52.7
DEKALB	DKC61-04(VT3)	PL	CB/GY/RW	111	242	17.6	56.6
NK Brand	N61P-GT/CB/LL	С	CB/GU/GY	108	242	15.3	51.2
Hubner	H5477PR	PL	CB/GY/RW	110	238	17.2	55.9
Augusta Seed	A07-20GTCBLL	PL	CB/GU/GY	110	233	17.9	57.0

	HOLLY, VIRGINIA	1	1	DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	WIOIST	lb/bu
Mid-Atlantic	MA9094	PL	0.	108	232	17.5	56.4
T.A. Seeds	TA595-15	PL	CB/GU/RW	109	215	16.0	53.0
Doebler's	634BVR	PL	CB/GY/RW	110	176	16.0	53.4
Doeniei 2	034DVK	FL	Maturity Average	110	255	16.6	54.3
			L.S.D. (0.05)		35	1.1	2.5
			C.V.		9	4.4	3.1
112-115 Da y s Rela	utivo Maturity	+	G. V.		J	4.4	J. I
Seed Consultants	SCS 11HQ38	С	CB/GU/GY/RW	112	301	18.0	57.3
Mid-Atlantic	MA8129RR	PL	GY	112	297	18.7	58.3
Seed Consultants	EX SCS 9116RR	C	GY	115	287	17.8	57.0
Mid-Atlantic	MA8148VT3	PL	CB/GY/RW	112	286	17.8	57.0
Augusta Seed	A007P	PH	CD/GT/RVV	115	285	18.4	57.9
Trisler	T-8A08VT3	PL	CB/GY/RW	113	285	16.5	54.2
NK Brand	N73V-3000GT	C	CB/GU/GY/RW	113	282	19.7	59.5
NK Brand	N77H-CB/LL	C	CB/GU/GY/RVV	115	202	18.1	57.4
	82R03 CB/LL	C	CB/GU	115	277	19.2	57.4
Garst		C			277		
Garst	83X61 3000GT		CB/GU/GY/RW	113		19.3	59.0
DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114	275	18.2	57.6
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	274	18.1	57.4
DEKALB	DKC65-63(VT3)	PL	CB/GY/RW	115	273	19.6	59.0
Trisler	T-8A02VT3	PL	CB/GY/RW	113	270	17.7	56.8
Mid-Atlantic	MA8138VT3	PL	CB/GY/RW	112	270	18.3	57.8
Seed Consultants	SCS 11HQ39	С	CB/GU/GY/RW	113	268	17.9	57.1
Seed Consultants	SC 11VTT45	С	CB/GY/RW	114	267	21.1	59.9
Dyna-Gro	58V72	PL	00/00//00/4/	115	263	18.2	57.7
Dyna-Gro	57V70	PL	CB/GY/RW	112	263	17.1	55.4
Hubner	H5582VT3	PL	CB/GY/RW	112	262	17.0	55.4
T.A. Seeds	TA717-19	PL	CB/GU/GY/RW	114	261	20.2	59.8
Augusta Seed	A5338EVT3	PL	CB/GY/RW	115	261	18.5	58.0
Augusta Seed	A08-01GTCBLL	PL	CB/GU/GY	114	257	19.4	59.2
Seed Consultants	SC 11VTT48	С	CB/GY/RW	113	257	19.9	59.6
T.A. Seeds	TA700-15	PL	CB/GU/RW	112	256	20.0	59.6
DEKALB	DKC63-14(VT3)	PL	CB/GY/RW	113	254	18.1	57.2
DEKALB	DKC62-54(VT3)	PL	CB/GY/RW	112	253	16.9	55.2
Trisler	T-7N88VT3	PL	CB/GY/RW	112	252	18.4	58.0
NK Brand	N78B-CB/LL	С	CB/GU	115	250	20.6	59.9
DEKALB	DKC65-44(VT3)	PL	CB/GY/RW	115	249	18.4	57.8
T.A. Seeds	TA775-13V	PL	CB/GY/RW	115	247	18.8	58.4
Dyna-Gro	57V21	PL	CB/GY/RW	115	246	19.0	58.5
Seed Consultants	SC 11AX30	С	CB/GU/GY	112	235	18.3	57.8
Hubner	H5655VT3	PL	CB/GY/RW	113	234	19.7	59.4
Augusta Seed	A73-64GTCBLL	PL	CB/GU/GY	114	229	19.8	59.5
Dyna-Gro	57V38	PL	CB/GY/RW	113	227	17.5	56.3
Hubner	H5707VT3	PL	CB/GY/RW	114	227	17.8	56.9
Seed Consultants	SC 11VTT56	С	CB/GY/RW	114	213	19.4	59.2
			Maturity Average		263	18.6	58.0
			L.S.D. (0.05)		37	1.1	1.5
			C.V.		10	3.8	1.8

Table 10. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation										
Seed Farm at MT	HOLLY, VIRGINIA	in 20	09 – Virginia Tech	Trials, co	ntinued.					
				DTM per	Yield⁴	Moist	Test Wt.			
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu			
>115 Days Relative Maturity										
Seed Consultants	EX SCS 9117HQ	С	CB/GU/GY/RW	116	272	18.0	57.3			
Seed Consultants	SC 11VTT79	С	CB/GY/RW	117	265	21.4	60.2			
Southern States	SS 775 RR2	PH	GY	116	264	19.6	59.3			
Augusta Seed	A61-66CBLL	PL	CB/GU	116	248	19.7	59.4			
Augusta Seed	A76-64CB	PL	СВ	116	247	19.7	59.4			
Augusta Seed	A62-65CBLL	PL	CB/GU	117	243	18.4	57.7			
T.A. Seeds	TA780-13V	PL	CB/GY/RW	116	242	21.0	60.1			
DEKALB	DKC69-40(VT3)	PL	CB/GY/RW	119	240	19.5	59.3			
DEKALB	DKC67-87(RR2/YGPL		CB/GY	117	233	17.9	57.1			
Seed Consultants	SC 11VTT97	С	CB/GY/RW	119	232	21.8	60.2			
Augusta Seed	A008VT3	PL	CB/GY/RW	117	230	20.3	59.9			
Seed Consultants	SCS 11HR69	С	CB/GU/GY	116	224	18.6	58.1			
			Maturity Average		245	19.7	59.0			
			L.S.D. (0.05)		56	1.0	1.2			
			C.V.		14	3.3	1.3			
			Location Average		257	17.6	55.9			
¹ Insecticidal Seed	Treatment (IST) PL:	= Pon	cho 250 [®] , PH = Po	ncho 1250®	, C = Cruis	er®.				
² Genetic Trait (GT)	, where CB = Bt cor	n bore	er, Herculex™ corn	borer, or Yi	eldGard [®] c	orn borer; F	RW = Bt roo			
worm, Herculex [™] ro										
and includes Round										
tolerant and include							R			
	provided by company					-				
		y, unite	nences in maturity	rating mem	ous may e.	AISE DELVVEE	in companie			
	Reported at 15.5% moisture. Planted April 29, 2009. Harvested September 23, 2009. Population was 28,078 plants/acre.									
Franced April 23, 20	oo. Harvested Sept	enne	1 23, 2003. Popula	tion was 20	,oro piants	racie.				

Improvement Fou Trials.	1		1				1
iriais.			+	DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	WOIST 	lb/bu
<108 Days Relativ		131	G1	CU.	DU/A	/0	ID/DU
Mid-Atlantic	MA5085	PL		106	252	17.1	52.7
	A06-07CBLL	PL	CB/GU	107	252	16.9	52.7
Augusta Seed Doebler's		PL	CB/GY/RW	107		18.0	53.5
	660BVR A5175PLRR		CB/GY/RW		240		
Augusta Seed	A5175PLRR	PL		107	239	18.0	53.0
			Maturity Avera	age	246	17.3	52.2
			L.S.D. (0.05)		23	0.5	1.5
400 444 D D I			C.V.		8	2.4	2.3
108-111 Days Rela		<u> </u>	0D (0) (/D) (/			17.0	
DEKALB	DKC61-69(VT3)	PL	CB/GY/RW	111	258	17.8	54.2
Mid-Atlantic	MA8096VT3	PL	CB/GY/RW	108	250	18.1	53.9
Augusta Seed	A06-06CBLL	PL	CB/GU	111	245	18.5	54.0
Trisler	T-5N51VT3	PL	CB/GY/RW	108	245	17.4	53.5
Augusta Seed	A07-40	PL		109	242	17.5	54.0
NK Brand	N68B-CB/LL/RW	С	CB/GU/RW	110	242	18.4	53.7
T.A. Seeds	TA688-11	PL	CB/GU	110	240	18.2	54.4
Trisler	T-6N52VT3	PL	CB/GY/RW	110	237	18.1	54.8
Hubner	H5477PR	PL	CB/GY/RW	110	222	18.6	55.1
Doebler's	634BVR	PL	CB/GY/RW	110	196	17.9	55.5
			Maturity Avera	age	238	18.1	54.3
			L.S.D. (0.05)		20	0.8	1.4
			C.V.		8	4.0	2.4
112-115 Days Rela	ative Maturity						
Augusta Seed	A007P	PH		115	256	19.4	56.2
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	250	18.7	55.5
Mid-Atlantic	MA8138VT3	PL	CB/GY/RW	112	248	19.8	55.2
Trisler	T-8A02VT3	PL	CB/GY/RW	113	246	18.5	54.5
DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114	243	19.3	56.0
Seed Consultants	SC 11VTT48	С	CB/GY/RW	113	240	21.0	55.5
Hubner	H5582VT3	PL	CB/GY/RW	112	237	17.7	54.5
Dyna-Gro	57V21	PL	CB/GY/RW	115	235	20.5	54.4
DEKALB	DKC65-44(VT3)	PL	CB/GY/RW	115	233	20.2	56.1
Seed Consultants	SC 11VTT56	С	CB/GY/RW	114	216	20.1	56.4
			Maturity Avera		240	19.5	55.2
			L.S.D. (0.05)		16	1.4	1.5
			C.V.		6	6.9	2.5
>115 Days Relativ	ve Maturity						
Southern States	SS 775 RR2	PH	GY	116	248	20.6	56.1
Augusta Seed	A76-64CB	PL	CB	116	234	20.4	55.6
DEKALB	DKC67-87(RR2/Y		CB/GY	117	232	19.0	55.5
DEKALB	DKC69-40(VT3)	PL	CB/GY/RW	119	230	21.1	56.2
,,,		· -	Maturity Avera		239	20.1	56.4
			L.S.D. (0.05)	-9~	26	1.2	1.5
			C.V.		9	5.0	2.2
	+		Location Aver	200	240	18.8	54.7

Table 11. Two-year Average Corn Yields under IRRIGATED conditions at the Virginia Crop									
Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2008 and 2009 - Virginia Tech									
Trials, continued.									
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] , PH = Poncho 1250 [®] , C = Cruiser [®] .									
² Genetic Trait (GT), where CB = Bt corn borer, Herculex [™] corn borer, or YieldGard [®] corn borer, RW = Bt									
rootworm, Herculex™ root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-									
tolerant and includes Roundup [®] Ready, Roundup [®] Ready Corn 2, Agrisure [®] ; IT = imidazolinanon-									
tolerant and includes Clearfield [®] ; GU = gluphosinate-ammonium-tolerant and includes Liberty Link [®] .									
³ Days to maturity provided by company; differences in maturity rating methods may exist between									
companies.									
⁴ Reported at 15.5% moisture.									

Table 12. Three-year Average Corn Yields under IRRIGATED conditions a	t the Virginia Crop
Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA, 2007-2009 -	Virginia Tech Trials.

				DTM per	Yield⁴	Moist	Test Wt.
Brand/Compa	ı Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu
<108 Days Rel	ati∨e Maturity						
Augusta Seed	A-06-07CB	PL	СВ	107	239	17.3	52.1
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	231	18.3	53.8
			Maturity Average		235	17.8	52.9
			L.S.D. (0.05)		16	0.4	0.7
			C.V.		7	2.5	1.4
112-115 Days F	Relative Maturity						
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	242	19.0	55.2
>115 Days Rel	ati∨e Maturity						
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	231	19.2	55.5
			Location Average		236	18.5	54.2
¹ Insecticidal S	eed Treatment (IST) PL =	= Poncl	no 250 [®] , PH = Po	ncho 1250®	, C = Cruis	er®.	
	(GT), where CB = Bt cori						RW = Bt
	ulex™ root worm, Agrisu						
	oundup® Ready, Roundu					0 7 1	
	ludes Clearfield®; GU =						k [®] .
2	· · · · · · · · · · · · · · · · · · ·					•	

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

Table 13. Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2009 - Virginia Tech Trials. Yield⁴ Moist Test Wt. DTM per Lodging IST¹ GT^2 Co.3 Brand/Company Hybrid bu/A % lb/bu % <108 Days Relative Maturity Doebler's PL CB/GY/RW 107 161 14.7 49.2 4.0 660BVR PL **RPM** 628HRQ CB/GU/GY/RW 107 156 15.4 51.4 2.2 **RPM** 615HRQ PL 107 16.0 52.6 0.0 CB/GU/GY/RW 122 15.3 51.1 1.9 Maturity Average 146 5.0 4.2 L.S.D. (0.05) 22 2.1 5.3 3.8 C.V. 6 108-111 Days Relative Maturity N69L-CB/LL NK Brand CB/GU 111 159 15.8 52.7 С 2.0 T.A. Seeds TA688-11 PL CB/GU 110 159 14.8 49.5 5.3 T.A. Seeds PL 16.8 55.0 4.7 TA595-15 CB/GU/RW 109 156 16.5 PL 54.3 0.4 Dyna-Gro 57V40 CB/GY/RW 111 156 NK Brand N68B-CB/LL/RW C CB/GU/RW 110 154 15.5 51.7 0.0 Doebler's 634BVR PL CB/GY/RW 110 153 14.5 48.8 1.8 **DEKALB** DKC61-69(VT3) PL CB/GY/RW 111 145 13.9 46.5 1.3 **DEKALB** DKC61-04(VT3) PL CB/GY/RW 111 138 15.5 51.8 0.4 Maturity Average 153 15.4 51.2 2.1 L.S.D. (0.05) 15 3.2 2.9 1.1 C.V. 6 4.2 3.9 ---112-115 Days Relative Maturity 16.4 T.A. Seeds TA717-19 PLCB/GU/GY/RW 114 164 54.0 1.3 Dyna-Gro 57V21 PL CB/GY/RW 115 164 18.4 57.4 0.0 PL 17.6 Dyna-Gro 58V72 115 56.5 0.4 161 NK Brand N77P 3000 GT С CB/GU/GY 114 159 16.8 55.0 5.3 **DEKALB** DKC63-42(VT3) PLCB/GY/RW 113 155 14.4 48.4 1.3 CB/GY/RW Dyna-Gro 57V38 PL 113 155 14.7 49.0 2.0 **DEKALB** DKC65-63(VT3) PL CB/GY/RW 115 153 14.5 48.7 1.7 **DEKALB** DKC64-24(VT3) PL CB/GY/RW 114 150 15.8 52.7 5.0 PL 57.1 3.3 T.A. Seeds TA700-15 CB/GU/RW 112 148 17.9 **DEKALB** DKC63-14(VT3) PL CB/GY/RW 113 148 18.1 57.2 1.3 **DEKALB** DKC65-44(VT3) PL 115 147 17.3 56.1 4.0 CB/GY/RW 2.7 **DEKALB** DKC62-54(VT3) PL 112 13.8 46.2 CB/GY/RW 143 PL 142 58.4 0.3 Dyna-Gro 57V70 CB/GY/RW 112 18.9 NK Brand N78B-CB/LL С CB/GU 115 142 18.1 57.5 2.0 T.A. Seeds TA775-13V PL 54.0 7.7 CB/GY/RW 115 140 16.4 59.3 2.7 NK Brand N78N 3000GT CB/GU/GY 140 19.6 С 115 Maturity Average 150 16.7 54.0 2.6 L.S.D. (0.05) 19 1.3 2.7 4.5 C.V. 8 4.9 3.3 --->115 Days Relative Maturity T.A. Seeds TA780-13V PLCB/GY/RW 116 164 17.9 57.0 3.0 2.7 **DEKALB** DKC67-87(RR2/Y PL CB/GY 117 158 16.8 55.1 DEKALB DKC69-40(VT3) CB/GY/RW 119 138 20.2 59.8 2.2 Maturity Average 155 18.2 57.1 2.7 19 1.8 3.1 L.S.D. (0.05) 5.1 C.V. 7 5.1 2.9

151

16.4

53.3

2.4

Location Average

Table 13. Corn Y	ields at the So	outhern Pic	edmont AREC	at BLACK	STONE,	VIRGINIA in	<u>200</u> 9 - \	/irginia
Tech Trials.								
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] , PH = Poncho 1250 [®] , C = Cruiser [®] .								
² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard [®] corn borer, RW = Bt roo								
worm, Herculex™	worm, Herculex [™] root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant							
and includes Roun	dup [®] Ready, R	oundup® Re	ady Corn 2, A	grisure [®] ; IT	= imidaz	olinanon-		
tolerant and include	es Clearfield [®] ; (∃U = glupho	osinate-ammor	nium-tolerar	nt and inc	ludes Liberty	Link [®] .	
³ Days to maturity	³ Days to maturity provided by company; differences in maturity rating methods may exist between companie							
⁴ Reported at 15.59								
Planted April 25, 20	009. Harvested	Septembe	r 3, 2009. Pop	ulation was	26,136	olants/acre.		

Brand/Com Hybrid IST GT GT Co 3 bu/A % Ib/bu %		n 2008 and 2009 - Virgin	1	1	DTM	V: - 1.14	Mairt	T4 \8/4	I a daria a
Company Comp			1	0-2					
Doebler's 660BVR			IST'	GT ²	Co.°	bu/A	%	lb/bu	%
T.A. Seeds TA688-11 PL CB/GU 110 128 16.0 50.7 4.9									
T.A. Seeds TA688-11 PL CB/GU 110 128 16.0 50.7 4.9 Doebler's 634BVR PL CB/GY/RW 110 108 17.8 51.3 1.7 NK Brand N68B-CB/LL/RW C CB/GU/RW 110 103 17.4 54.1 2.9 DEKALB DKC61-69(VT3) PL CB/GY/RW 111 102 13.9 46.5 3.1 Maturity Average 110 16.5 51.2 3.1 L.S.D. (0.05) 14 1.1 3.3 3.0 C.V. 10 5.1 4.8 112-115 Days Relative Maturity NK Brand N77P 3000 GT C CB/GU/RW 113 117 16.3 50.7 2.2 DEKALB DKC63-42(VT3) PL CB/GY/RW 115 116 19.0 55.8 1.6 DEKALB DKC65-44(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC65-44(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB N78N 3000GT C CB/GU/GY 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 >115 Days Relative Maturity DEKALB DKC67-87 (RR2/YGCB) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 4.2 3.3 >115 Days Relative Maturity DEKALB DKC66-40(VT3) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 L.S.D. (0.05) 17 1.0 1.6 7.2			PL	CB/GY/RW	107	132	14.7	49.2	4.5
Doebler's 634BVR									
NK Brand N68B-CB/LL/RW C CB/GU/RW 110 103 17.4 54.1 2.9 DEKALB DKC61-69(VT3) PL CB/GY/RW 111 102 13.9 46.5 3.1 Maturity Average 1110 16.5 51.2 3.1 L.S.D. (0.05) 14 1.1 3.3 3.0 C.V. 10 5.1 4.8 112.115 Days Relative Maturity NK Brand N77P 3000 GT C CB/GU/GY 114 133 17.7 55.3 4.2 DEKALB DKC63-42(VT3) PL CB/GY/RW 113 117 16.3 50.7 2.2 DEKALB DKC65-44(VT3) PL CB/GY/RW 115 116 19.0 55.8 1.6 DEKALB DKC65-44(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 114 115 17.3 54.3 4.2 NK Brand N78N 3000GT C CB/GU/GY 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 C.V. 9 4.2 3.3 >115 Days Relative Maturity DEKALB DKC67-87(RR2/YGCB) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 9 9 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3	T.A. Seeds	TA688-11		CB/GU	110	128	16.0	50.7	4.9
DEKALB DKC61-69(VT3) PL CB/GY/RW 111 102 13.9 46.5 3.1 Maturity Average 110 16.5 51.2 3.1 L.S.D. (0.05) 14 1.1 3.3 3.0 C.V. 10 5.1 4.8 112-115 Days Relative Maturity	Doebler's	634BVR			110	108	17.8	51.3	1.7
Maturity Average	NK Brand	N68B-CB/LL/RW	С	CB/GU/RW	110	103	17.4	54.1	2.9
L.S.D. (0.05) 14 1.1 3.3 3.0	DEKALB	DKC61-69(VT3)	PL	CB/GY/RW	111	102	13.9	46.5	3.1
C.V. 10 5.1 4.8				Maturity Average		110	16.5	51.2	3.1
NK Brand				L.S.D. (0.05)		14	1.1	3.3	3.0
NK Brand N77P 3000 GT C CB/GU/GY 114 133 17.7 55.3 4.2 DEKALB DKC63-42(VT3) PL CB/GY/RW 113 117 16.3 50.7 2.2 Dyna-Gro 57V21 PL CB/GY/RW 115 116 19.0 55.8 1.6 DEKALB DKC65-44(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 114 115 17.3 54.3 4.2 NK Brand N78N 3000GT C CB/GY/RW 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 >15 Days Relative Maturity DEKALB DKC67-87(RR2/YGCB) PL CB/GY/RW 117 120				C.V.		10	5.1	4.8	
DEKALB DKC63-42(VT3) PL CB/GY/RW 113 117 16.3 50.7 2.2 Dyna-Gro 57V21 PL CB/GY/RW 115 116 19.0 55.8 1.6 DEKALB DKC65-44(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 114 115 17.3 54.3 4.2 NK Brand N78N 3000GT C CB/GU/GY 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 >15 Days Relative Maturity DEKALB DKC67-87(RR2/YGCB) PL CB/GY/RW 117 120 19.0 55.1 2.8 DEKALB DKC69-40(VT3) PL CB/GY/RW 119 103	112-115 Day	ys Relati∨e Maturity							
Dyna-Gro 57V21 PL CB/GY/RW 115 116 19.0 55.8 1.6 DEKALB DKC65-44(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 114 115 17.3 54.3 4.2 NK Brand N78N 3000GT C CB/GU/GY 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 C.V. 9 4.2 3.3 >15 DEKALB DKC67-87(RR2/YGCB) PL CB/GY 117 120 19.0 55.1 2.8 DEKALB DKC69-40(VT3) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 <	NK Brand	N77P 3000 GT	С	CB/GU/GY	114	133	17.7	55.3	4.2
DÉKALB DKC65-44(VT3) PL CB/GY/RW 115 116 20.0 55.4 3.5 DEKALB DKC64-24(VT3) PL CB/GY/RW 114 115 17.3 54.3 4.2 NK Brand N78N 3000GT C CB/GU/GY 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 C.V. 9 4.2 3.3 >15 Dekalb DKC67-87(RR2/YGCB) PL CB/GY 117 120 19.0 55.1 2.8 DEKALB DKC69-40(VT3) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8	DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	117	16.3	50.7	2.2
DEKALB DKC64-24(VT3) PL CB/GY/RW 114 115 17.3 54.3 4.2 NK Brand N78N 3000GT C CB/GU/GY 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 C.V. 9 4.2 3.3 >115 Days Relative Maturity C.V. 9 4.2 3.3 DEKALB DKC67-87 (RR2/YGCB) PL CB/GY 117 120 19.0 55.1 2.8 DEKALB DKC69-40(VT3) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3	Dyna-Gro	57V21	PL	CB/GY/RW	115	116	19.0	55.8	1.6
NK Brand N78N 3000GT C CB/GU/GY 115 90 20.1 57.1 3.8 Maturity Average 121 18.3 54.8 3.0 L.S.D. (0.05) 15 1.0 2.4 3.3 C.V. 9 4.2 3.3 >115 Days Relative Maturity 0 117 120 19.0 55.1 2.8 DEKALB DKC67-87 (RR2/YGCB) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3	DEKALB	DKC65-44(VT3)	PL	CB/GY/RW	115	116	20.0	55.4	3.5
Maturity Average	DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114	115	17.3	54.3	4.2
L.S.D. (0.05) 15 1.0 2.4 3.3 C.V. 9 4.2 3.3	NK Brand	N78N 3000GT	С	CB/GU/GY	115	90	20.1	57.1	3.8
C.V. 9 4.2 3.3				Maturity Average		121	18.3	54.8	3.0
>115 Days Relative Maturity DEKALB DKC67-87(RR2/YGCB) PL CB/GY 117 120 19.0 55.1 2.8 DEKALB DKC69-40(VT3) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3				L.S.D. (0.05)		15	1.0	2.4	3.3
DEKALB DKC67-87(RR2/YGCB) PL CB/GY 117 120 19.0 55.1 2.8 DEKALB DKC69-40(VT3) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3				C.V.		9	4.2	3.3	
DEKALB DKC69-40(VT3) PL CB/GY/RW 119 103 20.4 58.8 3.1 Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3	>115 Days I	Relative Maturity							
Maturity Average 99 19.8 56.4 3.3 L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3	DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	120	19.0	55.1	2.8
L.S.D. (0.05) 17 1.0 1.6 7.2 C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3	DEKALB	DKC69-40(VT3)	PL	CB/GY/RW	119	103	20.4	58.8	3.1
C.V. 10 2.9 1.7 Location Average 113 17.9 53.8 3.3				Maturity Average		99	19.8	56.4	3.3
Location Average 113 17.9 53.8 3.3				L.S.D. (0.05)		17	1.0	1.6	7.2
3				C.V.		10	2.9	1.7	
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] PH = Poncho 1250 [®] C = Cruiser [®]				Location Average		113	17.9	53.8	3.3
	¹ Insecticida	I Seed Treatment (IST) P	L = Po			50®, C =	Cruiser	®	
² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard [®] corn borer; RW = Bt r		ulex™ root worm, Agrisur							

and includes Roundup[®] Ready, Roundup[®] Ready Corn 2, Agrisure[®]; IT = imidazolinanon-tolerant and includes Clearfield[®]; GU = gluphosinate-ammonium-tolerant and includes Liberty Link[®].

3 Days to maturity provided by company; differences in maturity rating methods may exist between companie

⁴ Reported at 15.5% moisture.

Table 15. Three-year Average Corn Yields at the Southern Piedmont AREC at BLACKSTONE,										
VIRGINIA, 20	007-2009 - Virginia Tech	Trials.								
				DTM per	Yield ⁴	Moist	Test Wt.			
Brand/Comp	Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu			
112-115 Days	Relative Maturity									
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	104	15.8	53.1			
>115 Days R	elative Maturity									
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	99	19.7	54.6			
			Location Ave	rage	101	17.9	53.9			
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] , PH = Poncho 1250 [®] , C = Cruiser [®] .										
² Genetic Trait (GT), where CB = Bt corn borer, Herculex [™] corn borer, or YieldGard [®] corn borer, RW = B										
rootworm, He	rculex™ root worm, Agrisi	ure® ro	ot worm, or Y	ieldGard® r	oot worm;	GY = glyph	osate-			
tolerant and in	ncludes Roundup [®] Ready,	Round	up® Ready Co	orn 2, Agrisi	ure [®] ; IT = i	midazolinar	ion-			
tolerant and includes Clearfield [®] ; GU = gluphosinate-ammonium-tolerant and includes Liberty Link [®] .										
³ Days to maturity provided by company; differences in maturity rating methods may exist between										
companies.										
⁴ Reported at	15.5% moisture.									

Table 16. Corn Yie	elds at North Point	Farm a	t Augusta Seed Co	DUNTY, VIF	RGINIA in	2009 - V	irginia
Tech Trials.							
				DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu
<108 Days Relative							
Augusta Seed	A08-03VT3	PL	CB/GY/RW	106	215	17.3	55.9
Augusta Seed	A5337EVT3	PL	CB/GY/RW	107	207	16.4	54.0
RPM	615HRQ	PL	CB/GU/GY/RW	107	190	15.3	51.1
RPM	628HRQ	PL	CB/GU/GY/RW	107	189	15.4	51.4
Trisler	T-4S61VT3	PL	CB/GY/RW	106	186	15.2	51.0
Doebler's	660BVR	PL	CB/GY/RW	107	183	15.4	51.5
Hubner	H5226VT3	PL	CB/GY/RW	101	178	13.7	45.9
Southern States	SS 538 VT3	PH	CB/GY/RW	106	167	14.5	48.7
Augusta Seed	A06-07CBLL	PL	CB/GU	107	164	15.5	51.7
<u> </u>			Maturity Average		185	15.4	51.2
			L.S.D. (0.05)		25	0.7	2.0
			C.V.		9	3.0	2.5
108-111 Days Relat	i∨e Maturity						
Hubner	H5477PR	PL	CB/GY/RW	110	216	16.3	53.6
DEKALB	DKC61-69(VT3)	PL	CB/GY/RW	111	215	14.9	49.9
Augusta Seed	A06-06CBLL	PL	CB/GU	111	212	16.6	54.5
Augusta Seed	A07-40	PL		109	205	15.2	50.8
Augusta Seed	A54-58CBLL	PL	CB/GU	109	204	16.2	53.6
T.A. Seeds	TA688-11	PL	CB/GU	110	203	16.0	53.0
DEKALB	DKC61-04(VT3)	PL	CB/GY/RW	111	201	16.3	53.8
Trisler	T-7A14VT3	PL	CB/GY/RW	111	198	15.4	51.4
Trisler	T-6N52VT3	PL	CB/GY/RW	110	194	16.4	53.6
Hubner	H5462VT3	PL	CB/GY/RW	110	191	14.8	49.6
Trisler	T-5N51VT3	PL	CB/GY/RW	108	186	15.2	50.8
NK Brand	N61P-GT/CB/LL	C	CB/GU/GY	108	186	14.3	48.0
Seed Consultants	SC 11AQ07	С	CB/GU/GY/RW	109	185	16.7	54.5
Garst	85V87 GT/CB/LL	С	CB/GU/GY	108	184	14.1	47.1
Doebler's	634BVR	PL	CB/GY/RW	110	184	14.7	49.4
Augusta Seed	A54-59CBLL	PL	CB/GU	109	183	15.3	51.1
T.A. Seeds	TA595-15	PL	CB/GU/RW	109	182	15.1	50.5
Trisler	T-6A08VT3	PL	CB/GY/RW	109	180	16.0	53.1
Southern States	SS 574 VT3	PH	CB/GY/RW	108	174	14.2	47.7
oddinom oldrod	00011710	1	Maturity Average	133	194	15.4	51.3
			L.S.D. (0.05)		23	1.2	3.3
		_	C.V.		8	5.1	4.3
112-115 Days Relat	ive Maturity		0			9.1	7.5
Garst	83X61 3000GT	С	CB/GU/GY/RW	113	254	17.9	57.2
Seed Consultants	SC 11VTT48	C	CB/GY/RW	113	238	18.3	57.8
Garst	82R03 CB/LL	C	CB/GU	115	234	18.1	57.1
Dyna-Gro	57V21	PL	CB/GY/RW	115	227	18.1	57.1
Seed Consultants	SC 11AX30	C	CB/GU/GY	112	226	17.2	55.8
Seed Consultants	SC 11VTT45	C	CB/GY/RW	114	226	17.1	55.6
Seed Consultants	SCS 11HQ38	C	CB/GU/GY/RW	112	225	17.1	56.6
DEKALB	DKC65-63(VT3)	PL	CB/GY/RW	115	223	15.8	52.5
T.A. Seeds	TA717-19	PL	CB/GU/GY/RW	114	217	19.0	58.4
DEKALB	DKC63-14(VT3)	PL	CB/GY/RW	113	217	17.4	56.2
DLTVALD	Dr\003-14(V I3)			113	Z1/	17.4	20.∠

Tech Trials, contin	ued.						
				DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu
DEKALB	DKC64-24(VT3)	PL	CB/GY/RW	114	216	17.6	56.5
Trisler	T-8A02VT3	PL	CB/GY/RW	113	216	16.1	53.3
DEKALB	DKC62-54(VT3)	PL	CB/GY/RW	112	216	16.5	54.3
NK Brand	N77H-CB/LL	С	CB/GU	115	215	18.2	57.6
Seed Consultants	SCS 11HQ39	С	CB/GU/GY/RW	113	214	17.1	55.6
Augusta Seed	A08-01GTCBLL	PL	CB/GU/GY	114	214	18.4	57.9
Augusta Seed	A5338EVT3	PL	CB/GY/RW	115	212	17.5	56.5
NK Brand	N73V-3000GT	С	CB/GU/GY/RW	113	210	17.0	55.4
Seed Consultants	SC 11VTT56	С	CB/GY/RW	114	209	17.0	55.5
Hubner	H5655VT3	PL	CB/GY/RW	113	208	17.4	56.0
Dyna-Gro	58V72	PL		115	208	17.0	55.4
Seed Consultants	EX SCS 9116RR	С	GY	115	205	18.0	57.3
Hubner	H5707∨T3	PL	CB/GY/RW	114	204	17.3	56.1
DEKALB	DKC65-44(VT3)	PL	CB/GY/RW	115	203	17.2	55.9
Trisler	T-8N52VT3	PL	CB/GY/RW	114	200	15.4	51.4
Dyna-Gro	57V38	PL	CB/GY/RW	113	199	16.4	53.9
T.A. Seeds	TA775-13V	PL	CB/GY/RW	115	196	17.1	55.6
T.A. Seeds	TA700-15	PL	CB/GU/RW	112	190	17.6	56.6
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	188	15.7	51.8
NK Brand	N78B-CB/LL	С	CB/GU	115	183	19.8	59.2
Trisler	T-7N88VT3	PL	CB/GY/RW	112	178	15.1	50.4
Hubner	H5582VT3	PL	CB/GY/RW	112	174	16.1	53.2
			Maturity Average		210	17.2	55.6
			L.S.D. (0.05)		26	1.2	2.5
			C.V.		8	4.8	3.0
>115 Days Relative	Maturity						
Seed Consultants	SCS 11HR69	С	CB/GU/GY	116	233	17.9	57.1
Trisler	T-9J38VT3	PL	CB/GY/RW	116	231	18.5	57.9
Seed Consultants	SC 11VTT79	С	CB/GY/RW	117	229	17.8	57.0
Seed Consultants	EX SCS 9117HQ	С	CB/GU/GY/RW	116	220	18.2	57.2
Augusta Seed	A61-66CBLL	PL	CB/GU	116	214	18.8	58.4
Augusta Seed	A76-64CB	PL	СВ	116	212	17.4	56.3
DEKALB	DKC67-87(RR2/YG	PL	CB/GY	117	207	17.7	56.7
Augusta Seed	A62-65CBLL	PL	CB/GU	117	206	16.6	54.3
T.A. Seeds	TA780-13V	PL	CB/GY/RW	116	203	16.4	54.1
Seed Consultants	SC 11VTT97	С	CB/GY/RW	119	202	18.3	57.8
DEKALB	DKC69-40(VT3)	PL	CB/GY/RW	119	199	18.5	58.0
Augusta Seed	A91-69VT3	PL	CB/GY/RW	119	191	21.0	60.1
Southern States	SS 775 RR2	PH	GY	116	187	16.6	54.3
			Maturity Average		209	18.0	56.8
			L.S.D. (0.05)		27	1.4	2.4
			C.V.		9	5.0	2.8
			Location Average		203	16.7	54.2

Table 16. Corn Yields at North Point Farm at Augusta Seed COUNTY, VIRGINIA in 2009 - Virginia									
Tech Trials, continued.									
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] , PH = Poncho 1250 [®] , C = Cruiser [®] .									
² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard [®] corn borer; RW = Bt root									
worm, Herculex [™] root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant									
and includes Roundup [®] Ready, Roundup [®] Ready Corn 2, Agrisure [®] ; IT = imidazolinanon-									
tolerant and includes Clearfield [®] ; GU = gluphosinate-ammonium-tolerant and includes Liberty Link [®] .									
³ Days to maturity provided by company; differences in maturity rating methods may exist between companies									
⁴ Reported at 15.5% moisture.									
Planted May 13, 2009. Harvested October 30, 2009.									

Virginia Tech Tri	ear Average Corn Yiel				,		Lina 2000
virginia recii III	ais.			DTM per	Yield ⁴	Moist	Test Wt
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu
<108 Days Relativ		131	01	CU.	DU/A	/0	ID/DU
Doebler's	660BVR	PL	CB/GY/RV	107	163	16.2	53.5
Trisler	T-4S61VT3	PL	CB/GY/RV		149	16.2	53.5
	A06-07CBLL	PL	CB/GT/RV	107	148	16.4	52.4
Augusta Seed	AUD-U/ CDLL	PL	Maturity A		153	16.4	53.1
		-	L.S.D. (0.0		16	0.6	1.6
		-	C.V.	5)	9	3.0	2.6
100 111 Days Dal	ativo Maturity		C. V.		3	3.0	2.6
108-111 Days Rel a DEKALB	DKC61-69(VT3)	PL	CB/GY/RV	111	176	15.3	51.8
	A06-06CBLL	PL	CB/GT/RV	111	174	15.3	48.6
Augusta Seed			CB/GU	109			
Augusta Seed	A07-40	PL PL	CRICLI		170 165	16.6	53.0 53.9
T.A. Seeds	TA688-11		CB/GU	110		17.3	
Doebler's	634BVR	PL	CB/GY/RV		164	15.7	53.6
Hubner	H5477PR	PL	CB/GY/RV		163	16.8	54.5
Trisler	T-5N51VT3	PL	CB/GY/RV		163	16.5	53.4
Southern States	SS 574 VT3	PH	CB/GY/RV		155	15.5	51.1
Trisler	T-6N52VT3	PL	CB/GY/RV		151	16.8	54.5
			Maturity A		165	16.3	52.6
			L.S.D. (0.0	5)	16	2.3	5.9
			C.V.		9	13.3	10.6
112-115 Days Rela							
Dyna-Gro	57V21	PL	CB/GY/RV		191	19.4	55.2
Seed Consultants	SC 11VTT48	С	CB/GY/RV		184	19.6	54.9
Trisler	T-8A02VT3	PL	CB/GY/RV		184	17.6	54.2
DEKALB	DKC64-24(VT3)	PL	CB/GY/RV		181	18.1	55.7
DEKALB	DKC65-44(VT3)	PL	CB/GY/RV		179	18.6	56.1
Seed Consultants	SC 11VTT56	С	CB/GY/RV		171	18.4	55.0
DEKALB	DKC63-42(VT3)	PL	CB/GY/RV		169	17.4	53.2
Hubner	H5582VT3	PL	CB/GY/RV		169	16.7	54.9
			Maturity A	verage	177	18.3	54.7
			L.S.D. (0.0	5)	21	1.0	2.1
			C.V.		10	5.1	3.5
>115 Days Relativ	e Maturity						
Augusta Seed	A76-64CB	PL	СВ	116	185	18.8	54.8
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	176	19.2	55.5
DEKALB	DKC69-40(VT3)	PL	CB/GY/RV	119	163	20.6	56.2
			Maturity A	verage	178	19.4	56.0
			L.S.D. (0.0	5)	21	1.0	1.6
			C.V.		9	3.9	2.2
			Location A	verage	169	17.4	53.8

¹ Insecticidal Seed Treatment (IST) PL = Poncho 250[®], PH = Poncho 1250[®], C = Cruiser[®].

² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt rootworm, Herculex™ root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup® Ready, Roundup® Ready Corn 2, Agrisure®; IT = imidazolinanon-tolerant and includes Clearfield®; GU = gluphosinate-ammonium-tolerant and includes Liberty Link®.

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

⁴ Reported at 15.5% moisture.

Table 18. Three-year Average Corn Yields at SHENANDOAH VALLEY, VIRGINIA, 2007-2009 -											
Virginia Tech Tri	ials.										
				DTM per	Yield ⁴	Moist	Test Wt.				
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu				
<108 Days Relati	ve Maturity										
Augusta Seed	A-06-07CB	PL	СВ	107	155	17.2	53.1				
108-111 Days Rel	ati∨e Maturity										
Trisler	T-5N51VT3	PH	CB/GY/RW	108	171	17.3	54.1				
112-115 Days Rel											
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	171	17.9	53.7				
>115 Days Relati											
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	176	19.5	55.0				
			Location Ave		168.4	18.0	53.97				
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] , PH = Poncho 1250 [®] , C = Cruiser [®] .											
² Genetic Trait (G	Γ), where $CB = Bt$ corn bo	rer, He	erculex™ corn	borer, or Yi	eldGard [®]	corn bore	r; RW = Bt				
rootworm, Hercule	x™ root worm, Agrisure®	root v	vorm, or Yield(Gard® root ເ	vorm; GY	= glypho	sate-				
tolerant and includes Roundup [®] Ready, Roundup [®] Ready Corn 2, Agrisure [®] ; IT = imidazolinanon-											
tolerant and includes Clearfield [®] ; GU = gluphosinate-ammonium-tolerant and includes Liberty Link [®] .											
³ Days to maturity provided by company; differences in maturity rating methods may exist between											
companies.											
⁴ Reported at 15.5	% moisture.										

	ields at Kentland Fa	arm at B	LACKSBURG, VIR	RGINIA in 2	009 - Virg	jinia Ted	h
Trials.							
				DTM per	Yield ⁴	Moist	Test Wt.
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu
<108 Days Relativ	e Maturity						
RPM	615HRQ	PL	CB/GU/GY/RW	107	152	15.5	51.7
RPM	628HRQ	PL	CB/GU/GY/RW	107	146	15.2	50.9
Doebler's	660BVR	PL	CB/GY/RW	107	143	15.9	52.9
Augusta Seed	A08-03VT3	PL	CB/GY/RW	106	139	16.0	53.2
Augusta Seed	A06-07CBLL	PL	CB/GU	107	138	14.7	49.2
Southern States	SS 538 VT3	PH	CB/GY/RW	106	137	14.3	48.2
			Maturity Average		143	15.3	51.1
			L.S.D. (0.05)		34	1.0	2.9
			C.V.		15	4.2	3.6
108-111 Days Rela	tive Maturity						
T.A. Seeds	TA595-15	PL	CB/GU/RW	109	188	15.6	51.6
Augusta Seed	A06-06CBLL	PL	CB/GU	111	184	18.2	57.4
Southern States	SS 574 VT3	PH	CB/GY/RW	108	161	14.7	49.3
Augusta Seed	A07-20GTCBLL	PL	CB/GU/GY	110	157	18.0	57.0
Seed Consultants	SC 11AQ07	С	CB/GU/GY/RW	109	152	16.1	53.4
T.A. Seeds	TA688-11	PL	CB/GU	110	144	17.4	55.6
Augusta Seed	A54-58CBLL	PL	CB/GU	109	141	15.0	50.3
Doebler's	634BVR	PL	CB/GY/RW	110	134	15.1	50.6
			Maturity Average		156	16.2	53.0
			L.S.D. (0.05)		16	1.8	4.6
			C.V.		6	7.1	5.4
112-115 Days Rela	nti∨e Maturity						
Seed Consultants	SC 11VTT48	С	CB/GY/RW	113	190	18.7	58.3
Augusta Seed	A007P	PH		115	183	19.7	59.3
Seed Consultants	SC 11AX30	С	CB/GU/GY	112	181	16.8	54.7
T.A. Seeds	TA700-15	PL	CB/GU/RW	112	179	19.1	58.7
Seed Consultants	SCS 11HQ38	С	CB/GU/GY/RW	112	179	18.4	57.9
Seed Consultants	SC 11VTT56	С	CB/GY/RW	114	176	16.6	54.7
Seed Consultants	EX SCS 9116RR	С	GY	115	175	18.3	57.0
Seed Consultants	SCS 11HQ39	С	CB/GU/GY/RW	113	162	17.6	56.4
Seed Consultants	SC 11VTT45	С	CB/GY/RW	114	151	18.3	57.8
Augusta Seed	A08-01GTCBLL	PL	CB/GU/GY	114	143	20.1	59.6
T.A. Seeds	TA717-19	PL	CB/GU/GY/RW	114	138	20.7	60.0
T.A. Seeds	TA775-13V	PL	CB/GY/RW	115	122	18.4	57.9
			Maturity Average		164	18.6	57.7
			L.S.D. (0.05)		24	1.2	2.1
			C.V.		9	4.2	2.3
>115 Days Relativ	e Maturity						
Augusta Seed	A91-69VT3	PL	CB/GY/RW	119	188	22.0	58.8
Seed Consultants	EX SCS 9117HQ	C	CB/GU/GY/RW	116	182	20.5	59.8
Augusta Seed	A76-64CB	PL	СВ	116	180	18.2	57.4
Seed Consultants	SC 11VTT79	C	CB/GY/RW	117	178	18.5	57.8
Augusta Seed	A61-66CBLL	PL	CB/GU	116	175	20.2	59.6
Seed Consultants	SCS 11HR69	C	CB/GU/GY	116	174	19.6	59.0
Augusta Seed	A62-65CBLL	PL	CB/GU	117	166	16.8	54.8

Table 19. Corn Yi	Table 19. Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2009 - Virginia Tech											
Trials, continued.												
				DTM per	Yield ⁴	Moist	Test Wt.					
Brand/Company	Hybrid	IST ¹	GT ²	Co.3	bu/A	%	lb/bu					
Augusta Seed	A008VT3	PL	CB/GY/RW	117	150	17.9	56.6					
T.A. Seeds	TA780-13V	PL	CB/GY/RW	116	150	17.7	56.1					
Seed Consultants	SC 11VTT97	С	CB/GY/RW	119	140	18.1	56.5					
			Maturity Average		169	19.0	57.7					
			L.S.D. (0.05)		34	2.1	3.2					
			C.V.		12	6.9	3.4					
			Location Average		160	17.6	55.5					
1 Incontinidal Cond	T 4 4 (ICT) DI	_ Dl		40F0® 0		<u> </u>						

¹ Insecticidal Seed Treatment (IST) PL = Poncho 250[®], PH = Poncho 1250[®], C = Cruiser[®].

² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer; RW = Bt root worm, Herculex™ root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup® Ready, Roundup® Ready Corn 2, Agrisure®; IT = imidazolinanon-tolerant and includes Clearfield®; GU = gluphosinate-ammonium-tolerant and includes Liberty Link®.

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies
⁴ Reported at 15.5% moisture.

Planted May 20, 2009. Harvested October 26, 2009. Population was 20,909 plants/acre.

Table 20. Two-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in											
2008 and 2009 - V	'irginia Tech∃	Γrials.									
				DTM per	Yield ⁴	Moist	Test Wt.				
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu				
<108 Days Relativ	e Maturity										
Doebler's	660BVR	PL	CB/GY/RW	107	143	18.3	52.6				
Augusta Seed	A06-07CBLL	PL	CB/GU	107	140	17.3	51.2				
			Maturity Average		142	17.9	52.0				
			L.S.D. (0.05)		33	0.8	1.5				
			C.V.		16	3.1	1.9				
108-111 Days Rela											
Augusta Seed	A06-06CBLL	PL	CB/GU	111	178	20.4	53.8				
Southern States	SS 574 VT3	PH	CB/GY/RW	108	165	17.7	51.2				
T.A. Seeds	TA688-11	PL	CB/GU	110	162	19.2	54.8				
Doebler's	634BVR	PL	CB/GY/RW	110	148	18.1	53.7				
			Maturity Average		163	18.8	53.3				
			L.S.D. (0.05)		17	1.2	2.3				
			C.V.		9	5.8	3.8				
112-115 Days Relative Maturity											
Seed Consultants	SC 11VTT48	С	CB/GY/RW	113	174	20.8	53.9				
Augusta Seed	A007P	PH		115	172	22.1	56.7				
Seed Consultants	SC 11VTT56	С	CB/GY/RW	114	166	19.8	53.8				
			Maturity Average		172	21.2	54.3				
			L.S.D. (0.05)		21	0.6	0.9				
			C.V.		9	2.2	1.3				
>115 Days Relativ	e Maturity										
Augusta Seed	A76-64CB	PL	CB	116	181	20.2	54.3				
			Location Average		163	19.4	53.6				
¹ Insecticidal Seed Treatment (IST) PL = Poncho 250 [®] , PH = Poncho 1250 [®] , C = Cruiser [®] .											
² Genetic Trait (GT), where CB = Bt corn borer, Herculex™ corn borer, or YieldGard® corn borer, RW = Bt											
rootworm, Herculex [™] root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-											
tolerant and includes Roundup [®] Ready, Roundup [®] Ready Corn 2, Agrisure [®] ; IT = imidazolinanon-											
tolerant and include	es Clearfield [®] ;	GU = glup	hosinate-ammoniur	n-tolerant a	nd include	s Liberty L	_ink [®] .				
³ Days to maturity	provided by co	mpany; dif	ferences in maturit	y rating me	thods may	exist bet	ween				

companies.

⁴ Reported at 15.5% moisture.

Table 21. Three-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA,										
2007-2008 - Virginia Tech Trials.										
DTM per Yield ⁴ Moist Test Wt.										
Brand/Company	Hybrid	IST ¹	GT ²	Co. ³	bu/A	%	lb/bu			
<108 Days Relative	<108 Days Relative Maturity									
Augusta Seed	A-06-07CB	PL	CB	107	134	17.5	52.9			
1 Insecticidal Sood	Treatment (IST) DI	- Danch	∿ SEU® DH -	- Doncho 12F		ruis or®				

¹ Insecticidal Seed Treatment (IST) PL = Poncho 250[®], PH = Poncho 1250[®], C = Cruiser[®].

² Genetic Trait (GT), where CB = Bt corn borer, Herculex[™] corn borer, or YieldGard[®] corn borer; RW = Bt rootworm, Herculex[™] root worm, Agrisure® root worm, or YieldGard® root worm; GY = glyphosate-tolerant and includes Roundup[®] Ready, Roundup[®] Ready Corn 2, Agrisure[®]; IT = imidazolinanon-tolerant and includes Clearfield[®]; GU = gluphosinate-ammonium-tolerant and includes Liberty Link[®].

³ Days to maturity provided by company; differences in maturity rating methods may exist between companies.

⁴ Reported at 15.5% moisture.