



VIRGINIA
CORN HYBRID
AND
MANAGEMENT
TRIALS
2007

VIRGINIA CORN HYBRID AND MANAGEMENT TRIALS IN 2007

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Companies Participating in the 2007 Corn Hybrid Trials

Company	Brand	Address
Augusta Seed	Augusta Seed	473 Tisdale Farm Lane, Staunton, VA 24401
Crop Production Services	Vigoro	PO Box 1467 Galesburg, IL 61402-1467
Doebler's, Inc	Doebler's	202 Tiadaghton Ave Jersey Shore, PA 17740
Garst Seed Co	Garst	2369 330th St Slater, IA 50244
Hubner Seed Co	Hubner	10280 West SR28 West Lebanon, IN 47991
HYTEST SEEDS	HYTEST SEEDS	2827 8th Ave South Ft Dodge, IA 50501
Mid-Atlantic Seeds	Mid-Atlantic	204 St Charles Way #163 York, PA 17404
Monsanto	DEKALB and Asgrow	800 N Lindbergh Blvd St Louis, MO 63167
Pioneer Hi-Bred International	Pioneer	7501 Memorial Pkwy SW Suite 205 Huntsville, AL 35802
Seed Consultants, Inc	Seed Consultants	PO Box 370 Washington Courthouse, OH 43160
Southern States Cooperative, Inc	Southern States	6606 West Broad St Richmond, VA 23230
Syngenta	NK Brand Seeds	PO Box 959 Minneapolis, MN 55440
T.A. Seeds	T.A. Seeds	PO Box 300 Avis, PA 17721
Trisler Seeds, Inc	Trisler	3274 E 800 North Rd, Fairmount, IL 61841
UAP Distribution, Inc	Dyna-Gro	140 Office Parkway Pittsford, NY 14534
UniSouth Genetics, Inc	Adler and Freedom	2640-C Nolensville Rd, Nashville, TN 37211

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Background Information

Performance trials of commercial corn hybrids were conducted at seven locations in Virginia in 2007. The Mt. Holly location consisted of both an irrigated and non-irrigated test. All locations except Orange were planted with a Wintersteiger PlotKing 2600. Orange was planted by hand and thinned to the desired population. All locations except Orange were harvested with a Massey-Ferguson 8XP plot combine. Orange was hand-harvested and shelled to obtain grain weights. 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.

2007 Growing Season

Temperatures in early and mid-April were cooler than average and rainfall was near normal. As of April 15, corn planting had reached 30% of fields which is 5% below the 5 year average. The latter half of April was significantly warmer than the long-term average and corn plantings reflected this and planted acreage was 9% greater by May 1 than the 5 year average. By mid-June 85% of the corn crop was reported to be in fair or good condition, but 40% of counties reported to be short of moisture. Some areas of southwest Virginia were very short of soil moisture by early summer. By July 10, approximately 80% of counties reported being short of soil moisture and corn in most places was experiencing moderate to severe stress due to the lack of water. Warm temperatures and lack of rainfall during the critical period just before and after silking significantly reduced the yield potential of the corn crop in 2007. Scattered thunderstorms provided relief and better yields in some areas but these were not generally widespread. Average yield for the Commonwealth is predicted by the Virginia Ag Statistics Service to be 80 bushels per acre which is down 40 bushels per acre from last year and is 33 bushels below the 5 year average yield. Approximately 400,000 acres are expected to be harvested, up 50,000 acres from the five year average. Total production is estimated at 32 million bushels in 2007.

2007 Virginia Corn Hybrid Plot Information

(Rates are on a per acre basis.)

Blacksburg Whitethorne Farm

Planted: May 2-3, 2007
Harvested: October 2, 2007
Pesticide: 2 qt glyphosate + 2 qt Bicep II Magnum® + 1 lb Simazine® May 2, 2007; 4.5 lb Force 3G® at planting; 0.33 oz Harmony GTXP® + 2/3 oz Accent® + 4 oz Banvel June 12, 2007.
Fertilizer: 60-60-60 preplant incorporated May 2, 2007; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting.
Irrigation: 1.5" July 6, 2007
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Hayter
Cooperator: Jon Wooge

Blackstone Southern Piedmont Agricultural Research & Extension Center

Planted: April 11, 2007
Harvested: September 12, 2007
Pesticide: 4.5 lb Force 3G® at planting; 1.5 pt Dual II Magnum® + 7 oz Callisto® April 13, 2007.
Fertilizer: 100-100-100-8 preplant incorporated; 17 gal 15-15-0-3S-.13B-.5Zn at planting; 80 lb N May 29, 2007.
Irrigation: 1.0" June 28, 2007
1.0" July 16, 2007
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Spotsylvania-Cecil-Bourne Sandy Loam
Cooperator: Ned Jones

Holland Tidewater Agricultural Research & Extension Center

Land Prep: land-conditioned and rip-strip tilled April 9, 2007
Planted: April 10, 2007
Harvested: September 13, 2007
Pesticide: 3 qt Lariat® preplant incorporated + 4.5 lb Force 3G® at planting.
Fertilizer: 1500 lb lime March 7, 2007 + 300 lb 9-15-36 March 24, 2007; 60 units N April 9, 2007; 17 gal 15-15-0-3S-.13B-.5Zn at planting; 80 units N using UAN sidedressed May 24, 2007
Irrigation: 1.0" June 26, 2007
Plot Size: 2 rows 35' x 30" 4 replications
Soil Type: Eunola, Dragston and Reins
Cooperator: Bobby Ashburn

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

Planted: April 19, 2007
Harvested: September 18, 2007
Pesticide: 1 qt glyphosate before other herbicides; 1 qt Princep® + 2 qt Bicep II Magnum® preplant incorporated; 4.5 lb Force 3G® at planting.
Fertilizer: 60-40-50 preplant incorporated; 17 gal 15-15-0-3S-.13B-.5Zn at planting; 70 lb N sidedressed May 29, 2007.
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: State fine sandy loam
Cooperator: Bruce Beahm

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

Planted: April 20, 2007
Harvested: September 18, 2007
Pesticide: 5.5 pt Lumax® + 1.5 pt Princep® + 1.5 pt atrazine preplant incorporated; 4.5 lb Force 3G® at planting.
Fertilizer: 60-50-90 preplant incorporated; 17 gal 15-15-0-3S-.13B-.5Zn at planting; topdress applied with irrigation as follows:
Irrigation: 0.7" + 50 lb N May 30 1.0" July 20
0.4" + 40 lb N June 11 1.0" August 7
0.5" + 40 lb N June 14 0.6" August 14
0.5" June 15
1.0" June 20
1.0" June 26
1.0" July 3
1.0" July 8
0.7" July 17
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: State fine sandy loam
Cooperator: Bruce Beahm

Orange Northern Piedmont Agricultural Research & Extension Center

Planted: May 2-7, 2007
Harvested: October 22-30, 2007
Pesticide: 2.5 qt Lumax® + 1 qt atrazine preplant incorporated May 1, 2007.
Fertilizer: 100-120-0 preplant incorporated May 1, 2007; 100 lb N using liquid N sidedressed June 1, 2007.
Plot Size: 1 row 30' x 30" 4 replications
Soil Type: Davidson silty clay loam
Cooperators: Dave Starner, Steve Gulick, and Alvin Hood

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

Planted: April 30, 2007
Harvested: October 9, 2007
Pesticide: 2 qt Roundup® + 1.5 qt Aatrex® + 2 qt Lumax® + 1 qt Princep® preplant + 4.5 lb Force 3G® at planting
Fertilizer: 17 gal 20-10-0-2.2S-.127B-.25Zn at planting; 180 lb N using granular urea sidedressed.
Plot Size: 2 rows 25' x 30" 4 replications
Soil Type: Coursey loam
Cooperators: Brian Jones and Kevin Phillips

Washington County (Thanks to Johnny Robinson)

Planted: May 14, 2007
Site abandoned due to poor stand
Pesticide: 3 qt Lumax®
Fertilizer: 160-35-240 + 2 tons lime preplant; 17 gal 20-10-0-2.2S-.127B-.25Zn at planting
Plot Size: 2 rows 35' x 30" 4 replications
Soil Type: Wyrick-Marbie
Cooperators: Phil Blevins and Johnny Robinson

Table 1. 2007 RELATIVE YIELD* of corn hybrids entered in three or more locations - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per		Mt Holly	Mt Holly	Black-	Orange	Shenan-	Blacks-	Mean
				Co. ³	Holland	Dryland	Irrigated	stone		doah	burg	
<108 Days Relative Maturity												
Mid-Atlantic	MA8044BT/CRW/RR	PL	CB/GY/RW	104	99	167	98	---	97	92	---	111
Augusta Seed	A5231CB	PL	CB	106	---	111	112	---	---	100	---	108
Augusta Seed	A-06-07CB	PL	CB	107	92	119	109	---	---	99	99	104
Mid-Atlantic	MA8088VT3	PL	CB/GY/RW	107	104	75	108	---	117	114	---	104
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	---	101	104	---	105	---	---	103
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	---	109	94	---	105	---	---	103
Doebler's	648ARB	PL	CB/GY	107	113	56	100	125	118	95	110	102
Adler	3515RRBT	PL	CB/GY	107	116	61	105	127	---	95	95	100
Mid-Atlantic	MA8001VT3	PL	CB/GY/RW	100	106	108	98	---	88	98	---	100
Pioneer	35A31	PL	CB/GU	105	108	86	104	---	---	---	---	99
Augusta Seed	A5160CBCRW	PL	CB/RW	105	102	100	92	---	---	---	---	98
Augusta Seed	A3387	PL		107	115	79	92	---	---	---	---	95
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	106	89	90	---	---	---	---	95
Mid-Atlantic	MA5090	C		107	103	63	105	---	106	97	---	95
Mid-Atlantic	MA5110	C		107	102	47	101	---	104	104	---	92
Augusta Seed	A-06-11HX	PL	CB/GU	107	---	76	89	---	---	94	---	86
Augusta Seed	A06-05GT	C	GY	101	---	60	95	---	---	88	---	81
108-111 Days Relative Maturity												
Mid-Atlantic	MA7125Bt	PL	CB	111	104	146	116	---	101	116	---	117
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	106	155	93	---	---	---	99	113
DEKALB	DKC61-73(RR2/YGCB)	PL	CB/GY	111	---	102	123	109	117	109	---	112
Mid-Atlantic	MA8107BT/CRW/RR	PL	CB/GY/RW	109	99	159	93	---	105	97	---	111
NK Brand Seeds	N68-B8	C	CB/GU	110	108	112	109	97	127	97	110	109
Southern States	SS 661 VT3	PH	CB/GY/RW	111	107	120	100	100	112	---	---	108
Doebler's	785RB	PL	CB/GY	111	87	108	101	119	121	95	118	107
Adler	3500CB	PL	CB	109	102	114	108	108	---	99	110	107
Augusta Seed	A-06-04HX	PL	CB/GU	110	---	108	104	---	116	100	105	107
Pioneer	34F96	PL	CB/GU/GY	110	97	116	105	---	108	103	---	106
Trisler	T-7A01VT3	PH	CB/GY/RW	111	101	119	100	---	---	102	---	106
Seed Consultants	SC 10BL96	C	CB/GU	108	---	122	101	---	107	96	95	104
Augusta Seed	A-07-09	C		108	89	144	105	84	112	97	95	104
Augusta Seed	A-06-08HX	PL	CB/GU	111	107	89	115	---	---	---	---	104
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	102	124	94	---	98	99	---	103

Table 1. 2007 RELATIVE YIELD* of corn hybrids entered in three or more locations - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST ¹	GT ²	DTM per		Mt Holly	Mt Holly	Black-	Orange	Shenan-	Blacks-	Mean
				Co. ³	Holland	Dryland	Irrigated	stone		doah	burg	
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	99	107	99	---	---	103	---	102
Freedom	580CBLL	PL	CB/GU	109	92	126	97	88	---	99	99	100
Trisler	T-6A01PLRR	PH	CB/GY/RW	109	95	105	98	---	---	---	---	99
Doebler's	786BVR	PL	CB/GY	111	107	76	90	117	90	99	99	97
DEKALB	DKC61-22(RR2)	PL	GY	111	---	87	114	80	96	107	---	97
Seed Consultants	SC 10MT97	C	CB/GY/RW	108	---	62	92	---	126	97	104	96
Mid-Atlantic	MA7096BT	PL	CB	109	113	46	101	---	117	104	---	96
Southern States	SS 647 VT3	PH	CB/GY/RW	110	89	66	107	99	120	---	---	96
Augusta Seed	A-06-09HX	PL	CB/GU	111	100	69	109	---	---	104	---	96
T.A. Seeds	TA678-13	PL	CB/GY/RW	111	---	81	102	---	108	77	---	92
Dyna-Gro	56B15	PL	CB/GY/RW	109	102	65	100	92	88	93	96	91
T.A. Seeds	TA607-11	PL	CB	110	---	73	99	---	111	93	78	91
112-115 Days Relative Maturity												
Mid-Atlantic	MA5130	C		112	106	179	112	---	98	104	---	120
NK Brand Seeds	N75-A4	C	CB/GU	113	---	165	104	---	106	102	---	119
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	---	143	110	105	104	104	---	113
Southern States	SS 746 RR2YGCB	PH	CB/GY	115	112	143	87	101	112	---	---	111
DEKALB	RX754RR2/YGPL	PL	CB/GY/RW	112	---	136	97	118	105	92	---	110
DEKALB	DKC65-47(RR2)	PL	GY	115	---	130	98	115	99	103	---	109
Pioneer	33V16	PL	CB/GY	115	105	110	100	128	99	100	115	108
Trisler	T-8A03PLRR	PH	CB/GY/RW	113	105	108	101	---	---	107	115	107
Augusta Seed	A5337RRCB	PL	CB/GY	113	107	113	87	128	98	105	106	106
T.A. Seeds	TA777-11	PL	CB	115	---	101	111	---	113	103	102	106
Southern States	SS E95048	PH	IT	115	92	102	104	142	86	---	---	105
Augusta Seed	T-06-03CB	PL	CB	112	---	113	96	---	97	---	112	105
Southern States	SS 731CL	PH	IT	114	102	112	97	102	106	---	---	104
Doebler's	856XRR	PL	GY	115	90	129	90	100	103	110	104	104
Garst	8384CB/LL/RW	C	CB/GU/RW	113	---	106	98	---	---	104	106	104
Seed Consultants	SC 11MT45	C	CB/GY/RW	114	---	83	105	---	114	102	113	103
DEKALB	DKC64-23(RR2/GRW)	PL	GY/RW	114	---	114	109	96	92	104	---	103
Augusta Seed	A-06-06	C		112	98	113	103	92	98	106	107	102
Augusta Seed	A5337	PL		113	---	104	99	---	101	98	108	102
Dyna-Gro	57X23	PL	CB/GU	112	97	76	103	121	110	99	102	101

Table 1. 2007 RELATIVE YIELD* of corn hybrids entered in three or more locations - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST ¹	GT ²	DTM per		Mt Holly		Black-	Orange	Shenan-	Blacks-	Mean
				Co. ³	Holland	Dryland	Irrigated					
Augusta Seed	A-06-10HX	PL	CB/GU	115	92	90	101	119	103	101	101	101
Dyna-Gro	57V44	PL	CB/GY/RW	113	111	74	97	105	119	90	106	100
Mid-Atlantic	MA8169RR	PL	GY	115	92	69	98	---	136	103	---	100
Dyna-Gro	57V05	PL	CB/GY/RW	115	107	77	100	105	88	99	118	99
Adler	8140CB	PL	CB	115	109	70	87	122	---	99	91	96
Seed Consultants	SC 11BR58	PL	CB/GY	114	---	48	100	---	105	98	121	94
Adler	4740YGPL	PL	CB/RW	112	93	84	86	107	---	91	105	94
Seed Consultants	SC 11MT55	C	CB/GY/RW	115	---	86	89	---	98	100	95	94
Adler	8140RRBt	PL	CB/GY/RW	115	91	53	94	111	---	109	99	93
Garst	8343YPL/RR	C	CB/GY/RW	115	---	80	85	---	---	93	110	92
>115 Days Relative Maturity												
Seed Consultants	SC 12BR08	PL	CB/GY/RW	120	---	173	90	---	95	89	105	110
Seed Consultants	SC 11BR97	C	CB/GY	119	---	160	100	---	77	120	90	109
T.A. Seeds	TA788-11	PL	CB/GU	116	---	130	89	---	96	101	111	105
Pioneer	31G71	PL	CB/GY/GU	119	110	101	105	101	96	110	105	104
T.A. Seeds	TA780-01	PL	CB	117	---	121	93	---	81	98	111	101
DEKALB	DKC69-43(RR2)	PL	GY	119	92	103	103	119	78	103	---	100
Adler	9040RRBT	PL	CB/GY	117	108	86	100	102	---	98	102	99
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	98	114	111	76	93	104	---	99
Augusta Seed	A-07-08	C		118	107	86	104	105	75	110	102	98
Augusta Seed	A5338	PL		116	100	---	---	99	---	---	93	97
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	94	114	95	100	87	93	---	97
Augusta Seed	A-06-02HXP	PL	CB/GU	119	109	70	96	---	---	103	104	96
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	109	---	---	77	---	---	98	95
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	101	94	103	91	78	101	---	95
Augusta Seed	A04-102CB	PL	CB	118	---	---	---	103	---	97	74	91
Seed Consultants	SC11H76	C	CB	117	---	72	100	---	75	101	105	91
Augusta Seed	A07-007	C		116	103	51	108	62	73	109	101	87

Table 1. 2007 RELATIVE YIELD* of corn hybrids entered in three or more locations - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST ¹	GT ²	DTM per		Mt Holly		Black- stone	Orange	Shenan- doah	Blacks- burg	Mean
				Co. ³	Holland	Dryland	Irrigated					
Pioneer	33M57	PL	CB/GU/GY	116	106	78	104	42	82	104	---	86
Southern States	783RR2YGCB	PH	CB/GY	116	93	64	98	80	94	---	---	86
Southern States	SS 842 RR2	PH	GY	119	87	110	92	65	63	---	---	83
Southern States	791CL	PH	IT	117	90	54	84	82	62	---	83	76

* 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 = imidazolinon-tolerant and includes Clearfield[®]; GU = glufosinate-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* (2006-2007) of corn hybrids entered in three or more locations each year - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	# Observations	Relative Yield
<108 Days Relative Maturity						
Augusta Seed	A5231CB	PL	CB	106	23	104
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	23	102
Augusta Seed	A-06-07CB	PL	CB	107	30	102
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	30	101
Augusta Seed	A5160CBCRW	PL	CB/RW	105	26	98
Augusta Seed	A-06-11HX	PL	CB/GU	107	23	92
108-111 Days Relative Maturity						
Augusta Seed	A-06-08HX	PL	CB/GU	111	23	107
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	46	106
NK Brand Seeds	N68-B8	C	CB/GU	110	54	105
Augusta Seed	A-06-04HX	PL	CB/GU	110	34	103
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	33	103
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	27	103
Mid-Atlantic	MA7096BT	PL	CB	109	38	97
Augusta Seed	A-06-09HX	PL	CB/GU	111	27	97
112-115 Days Relative Maturity						
Augusta Seed	A5337RRCB	PL	CB/GY	113	58	107
Pioneer	33V16	PL	CB/GY	115	58	107
Augusta Seed	A-06-06	C		112	43	105
Augusta Seed	A5337	PL		113	43	103
Augusta Seed	A-06-10HX	PL	CB/GU	115	39	101
Augusta Seed	T-06-03CB	PL	CB	112	46	100
>115 Days Relative Maturity						
Pioneer	31G71	PL	CB/GY/GU	119	58	105
Augusta Seed	A5338	PL		116	22	100
Augusta Seed	A04-102CB	PL	CB	118	24	99
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	42	99
Augusta Seed	A-06-02HXP	PL	CB/GU	119	33	98
Seed Consultants	SC11H76	C	CB	117	43	97
Southern States	783RR2YGCB	PH	CB/GY	116	46	92
Southern States	791CL	PH	IT	117	50	85

Table 2. Two-year Average RELATIVE YIELD* (2006-2007) of corn hybrids entered in three or more locations each year - Virginia Tech Trials (cont.)

* 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 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 3. Three-year Average RELATIVE YIELD* (2005-2007) of corn hybrids entered in three or more locations each year - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	# Observations	Relative Yield
112-115 Days Relative Maturity						
Augusta Seed	A5337RRCB	PL	CB/GY	113	78	107
Augusta Seed	A5337	PL		113	55	102

* 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 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 = imidazolinan-tolerant and includes Clearfield[®]; GU = glufosinate-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 Tidewater AREC at HOLLAND, VIRGINIA in 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu	Lodging %
<108 Days Relative Maturity								
Adler	3515RRBT	PL	CB/GY	107	180	16.4	56.0	1
Augusta Seed	A3387	PL		107	179	15.6	55.7	1
Doebler's	648ARB	PL	CB/GY	107	177	16.4	55.5	0
Pioneer	35A31	PL	CB/GU	105	168	14.9	56.7	0
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	165	16.0	56.5	0
Mid-Atlantic	MA8001VT3	PL	CB/GY/RW	100	165	14.8	57.7	0
Mid-Atlantic	MA8088VT3	PL	CB/GY/RW	107	162	14.9	56.5	1
Mid-Atlantic	MA5090	C		107	161	16.1	57.5	1
Augusta Seed	A5160CBCRW	PL	CB/RW	105	159	16.7	56.1	0
Mid-Atlantic	MA5110	C		107	159	16.2	57.4	2
Mid-Atlantic	MA8044BT/CRW/RR	PL	CB/GY/RW	104	154	14.9	57.2	1
Augusta Seed	A-06-07CB	PL	CB	107	144	15.0	55.1	0
Maturity Average					164	15.7	56.5	1
L.S.D. (0.05)					28	1.3	1.2	2
C.V.					12	5.5	1.4	---
108-111 Days Relative Maturity								
Mid-Atlantic	MA7096BT	PL	CB	109	176	16.2	55.4	1
NK Brand Seeds	N68-B8	C	CB/GU	110	168	15.2	55.2	0
Augusta Seed	A-06-08HX	PL	CB/GU	111	167	16.3	56.5	1
Southern States	SS 661 VT3	PH	CB/GY/RW	111	167	17.0	55.8	0
Doebler's	786BVR	PL	CB/GY	111	166	19.2	54.4	2
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	165	19.9	55.7	5
Mid-Atlantic	MA7125Bt	PL	CB	111	162	16.2	56.6	0
Adler	3500CB	PL	CB	109	160	17.0	55.2	1
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	159	16.1	56.5	0
Dyna-Gro	56B15	PL	CB/GY/RW	109	158	15.9	56.3	0
Trisler	T-7A01VT3	PH	CB/GY/RW	111	157	17.3	57.1	6
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	155	15.8	55.6	1
Mid-Atlantic	MA8107BT/CRW/RR	PL	CB/GY/RW	109	155	18.0	56.4	0
Augusta Seed	A-06-09HX	PL	CB/GU	111	155	16.1	56.2	7
Pioneer	34F96	PL	CB/GU/GY	110	150	16.4	56.0	0
Trisler	T-6A01PLRR	PH	CB/GY/RW	109	149	14.8	56.9	1
Freedom	580CBLL	PL	CB/GU	109	143	15.9	54.6	1
Augusta Seed	A-07-09	C		108	140	16.7	56.8	1
Southern States	SS 647 VT3	PH	CB/GY/RW	110	139	15.6	56.0	2
Doebler's	785RB	PL	CB/GY	111	136	17.6	55.1	2
Maturity Average					155	16.7	55.9	2
L.S.D. (0.05)					26	1.6	1.3	4
C.V.					11	6.2	1.5	---
112-115 Days Relative Maturity								
Dyna-Gro	57V44	PL	CB/GY/RW	113	173	16.9	55.8	0
VIGORO	V53YR72	PL	CB/GY	113	172	18.3	55.1	1
Adler	8140CB	PL	CB	115	169	19.1	54.9	2
Dyna-Gro	57V05	PL	CB/GY/RW	115	166	19.0	55.0	1
Augusta Seed	A5337RRCB	PL	CB/GY	113	166	18.2	54.8	1
Mid-Atlantic	MA5130	C		112	165	16.8	55.8	3
Pioneer	33V16	PL	CB/GY	115	163	17.8	59.3	1
Trisler	T-8A03PLRR	PH	CB/GY/RW	113	163	19.2	54.9	0

Table 4. Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu	Lodging %
Trisler	T-8A02CB	PH	CB	113	178	16.1	57.3	0
Southern States	SS 746 RR2YGCB	PH	CB/GY	115	175	17.3	55.6	3
Southern States	SS 731CL	PH	IT	114	160	18.1	56.1	3
Trisler	T-7N52PLRR	PH	CB/GY/RW	112	155	17.6	57.6	3
Augusta Seed	A-06-06	C		112	152	17.9	56.3	0
Dyna-Gro	57X23	PL	CB/GU	112	151	16.3	57.2	1
Trisler	T-7N54RRCB	PH	CB/GY	112	147	18.7	56.5	0
Adler	4740YGPL	PL	CB/RW	112	145	15.9	56.0	0
NK Brand Seeds	N77-P5	C	CB/GU	114	145	18.3	55.8	0
Mid-Atlantic	MA8169RR	PL	GY	115	144	17.1	55.5	2
Adler	8140RRBt	PL	CB/GY/RW	115	143	18.9	55.7	4
Augusta Seed	A-06-10HX	PL	CB/GU	115	143	17.2	55.1	0
Southern States	SS E95048	PH	IT	115	143	17.1	56.6	3
Doebler's	856XRR	PL	GY	115	140	20.5	54.8	2
Maturity Average					152	17.6	56.2	2
L.S.D. (0.05)					33	1.2	1.4	3
C.V.					14	4.7	1.8	---
>115 Days Relative Maturity								
Garst	8247YG1	C	CB	117	192	19.5	55.8	2
VIGORO	V5673VT3	PL	CB/GY/RW	116	184	18.4	56.8	1
Pioneer	31G71	PL	CB/GY/GU	119	172	18.1	57.4	2
Augusta Seed	A-06-02HXP	PL	CB/GU	119	170	20.3	53.1	10
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	170	17.8	54.9	4
Adler	9040RRBT	PL	CB/GY	117	168	18.0	54.2	1
Augusta Seed	A-07-08	C		118	167	17.1	57.6	6
Pioneer	33M57	PL	CB/GU/GY	116	165	18.5	58.6	1
VIGORO	V60YR82	PL	CB/GY	120	161	19.8	55.7	0
Augusta Seed	A07-007	C		116	161	17.6	57.7	4
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	157	18.9	55.7	2
Augusta Seed	A5338	PL		116	157	16.2	54.0	8
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	153	19.2	56.2	5
NK Brand Seeds	N82-A7	C	CB/GU	118	152	20.0	55.0	3
Garst	8294YG1/IT	C	CB/IT	118	150	19.1	54.7	0
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	147	19.5	56.1	4
VIGORO	V59R86	PL	GY	119	147	18.4	56.1	8
Southern States	783RR2YGCB	PH	CB/GY	116	146	17.3	56.6	1
DEKALB	DKC69-43(RR2)	PL	GY	119	144	19.0	57.9	0
Southern States	791CL	PH	IT	117	140	18.3	57.0	9
Southern States	SS 842 RR2	PH	GY	119	135	17.9	53.9	21
Maturity Average					159	18.5	56.0	4
L.S.D. (0.05)					28	1.2	1.1	6
C.V.					12	4.4	1.3	---
Location Average					158	17.4	56.1	2

Table 4. Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

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 = imidazolinan non-tolerant and includes Clearfield[®]; GU = glufosinate-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 10, 2007. Harvested September 13, 2007. Population averaged 26,840 plants/acre.

Table 5. Two-year Average Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA in 2006 and 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity							
Augusta Seed	A3387	PL		107	161	19.7	54.0
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	158	20.1	54.7
Augusta Seed	A5160CBCRW	PL	CB/RW	105	153	20.4	54.5
Augusta Seed	A-06-07CB	PL	CB	107	145	17.7	54.2
Maturity Average					154	19.5	54.4
L.S.D. (0.05)					22	1.0	1.5
C.V.					12	4.3	2.3
108-111 Days Relative Maturity							
Mid-Atlantic	MA7096BT	PL	CB	109	162	19.9	53.9
Augusta Seed	A-06-08HX	PL	CB/GU	111	161	19.8	54.4
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	157	23.3	54.1
NK Brand Seeds	N68-B8	C	CB/GU	110	154	19.0	52.9
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	153	19.7	54.2
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	149	21.4	55.2
Augusta Seed	A-06-09HX	PL	CB/GU	111	147	20.9	53.9
Maturity Average					155	20.6	54.1
L.S.D. (0.05)					17	1.1	1.0
C.V.					10	4.6	1.7
112-115 Days Relative Maturity							
Augusta Seed	A5337RRCB	PL	CB/GY	113	160	22.2	53.2
Pioneer	33V16	PL	CB/GY	115	159	21.8	58.4
NK Brand Seeds	N77-P5	C	CB/GU	114	148	22.3	53.9
Augusta Seed	A-06-06	C		112	145	21.3	54.6
Augusta Seed	A-06-10HX	PL	CB/GU	115	145	21.5	53.8
Maturity Average					151	21.8	54.8
L.S.D. (0.05)					16	0.8	0.7
C.V.					10	3.4	1.2
>115 Days Relative Maturity							
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	160	21.6	53.0
Pioneer	31G71	PL	CB/GY/GU	119	159	22.4	55.1
Augusta Seed	A-06-02HXP	PL	CB/GU	119	159	24.9	51.4
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	156	22.4	54.9
Augusta Seed	A5338	PL		116	156	21.0	52.2
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	155	23.5	55.3
Southern States	783RR2YGCB	PH	CB/GY	116	148	23.2	55.3
Southern States	791CL	PH	IT	117	137	21.9	55.1
Maturity Average					154	22.6	54.0
L.S.D. (0.05)					15	1	0.8
C.V.					9	3.8	1.3
Location Average					154	21.3	54.3

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 = imidazolinon-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 Average Corn Yields at the Tidewater AREC at HOLLAND, VIRGINIA, 2005-2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity							
Augusta Seed	A3387	PL		107	161	21.4	54.2
112-115 Days Relative Maturity							
Augusta Seed	A5337RRCB	PL	CB/GY	113	158	24.8	52.8
>115 Days Relative Maturity							
DEKALB	DKC69-71 (RR2/YGCB)	PL	CB/GY	119	163	26.4	54.5
Location Average					161	24.2	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 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 = imidazolinon-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 7. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu	
<108 Days Relative Maturity								
Mid-Atlantic	MA8044BT/CRW/RR	PL	CB/GY/RW	104	77	15.7	55.3	
VIGORO	X7063RP	PL	CB/GY/RW	106	61	16.7	55.4	
Augusta Seed	A-06-07CB	PL	CB	107	55	15.3	52.6	
Augusta Seed	A5231CB	PL	CB	106	51	16.7	53.7	
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	50	17.8	54.6	
Mid-Atlantic	MA8001VT3	PL	CB/GY/RW	100	50	16.1	57.1	
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	47	16.8	54.3	
Augusta Seed	A5160CBCRW	PL	CB/RW	105	46	17.0	55.5	
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	41	17.6	54.4	
Pioneer	35A31	PL	CB/GU	105	40	17.4	55.7	
Augusta Seed	A3387	PL		107	36	16.7	54.4	
Mid-Atlantic	MA8088VT3	PL	CB/GY/RW	107	35	19.0	53.0	
Augusta Seed	A-06-11HX	PL	CB/GU	107	35	17.1	54.8	
Mid-Atlantic	MA5090	C		107	29	16.7	55.4	
Adler	3515RRBT	PL	CB/GY	107	28	17.5	54.0	
Augusta Seed	A06-05GT	C	GY	101	28	16.4	56.8	
Doebler's	648ARB	PL	CB/GY	107	26	16.4	54.8	
Mid-Atlantic	MA5110	C		107	22	16.7	56.3	
					Maturity Average	42	16.9	54.9
					L.S.D. (0.05)	21	1.2	0.8
					C.V.	36	5.1	1.1
108-111 Days Relative Maturity								
Mid-Atlantic	MA8107BT/CRW/RR	PL	CB/GY/RW	109	73	16.5	55.7	
Hubner	4473BR	PH	CB/GY	110	72	17.9	55.3	
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	72	21.4	52.9	
Mid-Atlantic	MA7125Bt	PL	CB	111	67	18.0	55.3	
Augusta Seed	A-07-09	C		108	66	17.2	56.3	
Freedom	580CBLL	PL	CB/GU	109	58	16.2	52.1	
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	57	19.8	56.0	
Seed Consultants	SC 10BL96	C	CB/GU	108	56	16.5	53.2	
Trisler	T-7A01VT3	PH	CB/GY/RW	111	55	19.0	57.4	
Southern States	SS 661 VT3	PH	CB/GY/RW	111	55	18.5	53.7	
Pioneer	34F96	PL	CB/GU/GY	110	53	18.0	53.8	
Adler	3500CB	PL	CB	109	53	17.7	55.1	
NK Brand Seeds	N68-B8	C	CB/GU	110	51	16.0	55.7	
Doebler's	785RB	PL	CB/GY	111	50	20.6	52.8	
Augusta Seed	A-06-04HX	PL	CB/GU	110	50	17.8	55.9	
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	49	16.5	52.8	
Trisler	T-6A01PLRR	PH	CB/GY/RW	109	48	17.2	55.0	
DEKALB	DKC61-73(RR2/YGCB)	PL	CB/GY	111	47	18.5	54.7	
Trisler	T-5257PLRR	PH	CB/GY/RW	111	46	18.3	54.4	
Augusta Seed	A-06-08HX	PL	CB/GU	111	41	18.9	55.2	
DEKALB	DKC61-22(RR2)	PL	GY	111	40	19.1	54.8	
T.A. Seeds	TA678-13	PL	CB/GY/RW	111	37	17.5	54.5	
Doebler's	786BVR	PL	CB/GY	111	35	19.7	53.2	
VIGORO	V4873VT3	PL	CB/GY/RW	108	34	15.2	53.1	
T.A. Seeds	TA607-11	PL	CB	110	34	15.7	52.1	

Table 7. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Augusta Seed	A-06-09HX	PL	CB/GU	111	32	17.7	53.6	
Dyna-Gro	56B15	PL	CB/GY/RW	109	30	17.1	57.7	
Southern States	SS 647 VT3	PH	CB/GY/RW	110	30	17.1	54.3	
Hubner	5466VPR	PH	CB/GY/RW	109	29	16.6	55.7	
Seed Consultants	SC 10MT97	C	CB/GY/RW	108	29	15.7	54.1	
Mid-Atlantic	MA7096BT	PL	CB	109	21	15.1	---	
				Maturity Average		47	17.6	54.5
				L.S.D. (0.05)		21	0.8	0.9
				C.V.		31	3.4	1.1
112-115 Days Relative Maturity								
Mid-Atlantic	MA5130	C		112	82	17.6	52.8	
NK Brand Seeds	N75-A4	C	CB/GU	113	76	18.5	55.3	
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	66	18.5	53.6	
Southern States	SS 746 RR2YGCB	PH	CB/GY	115	66	18.3	54.6	
DEKALB	RX754RR2/YGPL	PL	CB/GY/RW	112	62	18.6	56.2	
DEKALB	DKC65-47(RR2)	PL	GY	115	60	19.4	54.3	
Doebler's	856XRR	PL	GY	115	59	20.9	51.9	
DEKALB	DKC64-23(RR2/GRW)	PL	GY/RW	114	52	18.8	56.3	
VIGORO	V5473VT3	PL	CB/GY/RW	114	52	17.2	55.1	
Augusta Seed	A5337RRCB	PL	CB/GY	113	52	20.2	53.0	
Augusta Seed	T-06-03CB	PL	CB	112	52	19.4	52.9	
Augusta Seed	A-06-06	C		112	52	18.7	55.0	
Southern States	SS 731CL	PH	IT	114	51	19.4	53.7	
Pioneer	33V16	PL	CB/GY	115	50	19.3	57.5	
Trisler	T-8A03PLRR	PH	CB/GY/RW	113	50	19.6	54.0	
Garst	8384CB/LL/RW	C	CB/GU/RW	113	49	16.8	55.7	
Trisler	T-7N53RRCB	PH	CB/GY	112	49	17.0	52.8	
Augusta Seed	A5337	PL		113	48	19.1	53.4	
Southern States	SS E95048	PH	IT	115	47	17.3	55.0	
VIGORO	V52RP73	PL	CB/GY/RW	112	46	16.4	54.0	
T.A. Seeds	TA777-11	PL	CB	115	46	18.1	55.8	
Augusta Seed	A-06-10HX	PL	CB/GU	115	41	17.6	55.0	
Seed Consultants	SC 11MT55	C	CB/GY/RW	115	40	17.9	53.5	
Adler	4740YGPL	PL	CB/RW	112	39	17.7	54.9	
Seed Consultants	SC 11MT45	C	CB/GY/RW	114	38	20.2	52.9	
Garst	8343YPL/RR	C	CB/GY/RW	115	37	18.5	55.6	
Dyna-Gro	57X23	PL	CB/GU	112	35	17.5	57.2	
Dyna-Gro	57V05	PL	CB/GY/RW	115	35	20.7	55.1	
Dyna-Gro	57V44	PL	CB/GY/RW	113	34	17.0	55.1	
Adler	8140CB	PL	CB	115	32	20.6	56.1	
Mid-Atlantic	MA8169RR	PL	GY	115	32	20.6	52.4	
Adler	8140RRBt	PL	CB/GY/RW	115	25	21.2	54.2	
Seed Consultants	SC 11BR58	PL	CB/GY	114	22	17.7	---	
				Maturity Average		48	18.7	54.5
				L.S.D. (0.05)		23	1.1	1.0
				C.V.		33	4.1	1.3

Table 7. Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
>115 Days Relative Maturity							
Seed Consultants	SC 12BR08	PL	CB/GY/RW	120	80	21.9	53.0
Seed Consultants	SC 11BR97	C	CB/GY	119	74	20.9	55.0
T.A. Seeds	TA788-11	PL	CB/GU	116	60	18.1	54.1
T.A. Seeds	TA780-01	PL	CB	117	56	19.3	53.1
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	53	20.2	52.9
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	53	19.9	53.7
Southern States	SS 842 RR2	PH	GY	119	51	19.7	51.4
DEKALB	DKC69-43(RR2)	PL	GY	119	47	18.5	55.0
Pioneer	31G71	PL	CB/GY/GU	119	46	19.9	54.8
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	44	17.8	54.7
Augusta Seed	A-07-08	C		118	40	20.2	54.4
Adler	9040RRBT	PL	CB/GY	117	39	18.1	53.3
Pioneer	33M57	PL	CB/GU/GY	116	36	21.1	56.0
Seed Consultants	SC11H76	C	CB	117	33	19.8	52.3
Augusta Seed	A-06-02HXP	PL	CB/GU	119	32	21.4	51.7
Southern States	783RR2YGCB	PH	CB/GY	116	29	21.9	53.6
Southern States	791CL	PH	IT	117	25	19.5	53.4
Augusta Seed	A07-007	C		116	23	19.6	55.8
Maturity Average					46	19.9	53.8
L.S.D. (0.05)					23	1	1.0
C.V.					35	3.6	1.3
Location Average					46	18.2	54.5

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 = imidazolinon-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 19, 2007. Harvested September 18, 2007.

Table 8. Two-year Average Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2006 and 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity							
Augusta Seed	A5231CB	PL	CB	106	90	19.3	54.3
Augusta Seed	A-06-07CB	PL	CB	107	86	17.5	52.3
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	85	19.3	54.4
Augusta Seed	A5160CBCRW	PL	CB/RW	105	83	19.0	55.5
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	81	19.5	55.3
Augusta Seed	A-06-11HX	PL	CB/GU	107	79	17.8	53.0
Maturity Average					84	18.7	54.1
L.S.D. (0.05)					14	0.8	0.9
C.V.					17	4.3	1.6
108-111 Days Relative Maturity							
Mid-Atlantic	MA7125Bt	PL	CB	111	96	19.9	54.3
NK Brand Seeds	N68-B8	C	CB/GU	110	89	18.4	54.5
Augusta Seed	A-06-08HX	PL	CB/GU	111	88	19.8	53.9
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	87	23.5	53.7
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	82	18.7	53.1
Augusta Seed	A-06-04HX	PL	CB/GU	110	80	19.3	54.1
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	79	20.6	55.7
Augusta Seed	A-06-09HX	PL	CB/GU	111	75	19.9	53.6
Mid-Atlantic	MA7096BT	PL	CB	109	68	17.3	52.8
Maturity Average					83	19.7	54.0
L.S.D. (0.05)					15	0.9	0.8
C.V.					18	4.4	1.3
112-115 Days Relative Maturity							
Augusta Seed	A-06-06	C		112	94	20.2	54.7
Augusta Seed	A5337RRCB	PL	CB/GY	113	90	21.8	53.2
Pioneer	33V16	PL	CB/GY	115	90	20.7	57.4
Augusta Seed	A5337	PL		113	89	21.1	53.1
Augusta Seed	T-06-03CB	PL	CB	112	80	19.7	53.9
Augusta Seed	A-06-10HX	PL	CB/GU	115	75	19.6	53.7
Maturity Average					86	20.5	54.3
L.S.D. (0.05)					17	0.7	0.7
C.V.					19	3.5	1.3
>115 Days Relative Maturity							
Pioneer	31G71	PL	CB/GY/GU	119	81	21.2	54.8
Seed Consultants	SC11H76	C	CB	117	74	22.2	52.4
Augusta Seed	A-06-02HXP	PL	CB/GU	119	74	23.0	51.6
Southern States	791CL	PH	IT	117	73	21.9	54.9
Southern States	783RR2YGCB	PH	CB/GY	116	70	23.2	54.2
Maturity Average					74	22.3	53.6
L.S.D. (0.05)					14	0.8	0.8
C.V.					17	3.4	1.5
Location Average					82	20.1	54.0

Table 8. Two-year Average Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2006 and 2007 - Virginia Tech Trials (cont.)

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.

Table 9. Three-year Average Corn Yields under DRYLAND conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA, 2005-2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
112-115 Days Relative Maturity							
Augusta Seed	A5337RRCB	PL	CB/GY	113	121	23.0	53.7
Augusta Seed	A5337	PL		113	118	22.5	53.7
			Maturity Average		120	22.8	53.7
			L.S.D. (0.05)		14	1.0	0.6
			C.V.		13	4.5	1.2

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.

Table 10. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu	Lodging %
<108 Days Relative Maturity								
Augusta Seed	A5231CB	PL	CB	106	233	19.4	56.7	0
Augusta Seed	A-06-07CB	PL	CB	107	225	18.2	54.0	0
Mid-Atlantic	MA8088VT3	PL	CB/GY/RW	107	223	19.9	55.2	0
Mid-Atlantic	MA5090	C		107	218	19.7	57.6	5
Adler	3515RRBT	PL	CB/GY	107	217	18.9	54.9	7
Pioneer	35A31	PL	CB/GU	105	216	16.9	53.0	4
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	214	18.9	55.3	0
VIGORO	X7063RP	PL	CB/GY/RW	106	212	18.3	57.5	1
Mid-Atlantic	MA5110	C		107	209	19.5	56.3	2
Doebler's	648ARB	PL	CB/GY	107	207	18.7	55.0	0
Mid-Atlantic	MA8001VT3	PL	CB/GY/RW	100	203	18.6	57.0	0
Mid-Atlantic	MA8044BT/CRW/RR	PL	CB/GY/RW	104	202	19.8	56.3	0
Augusta Seed	A06-05GT	C	GY	101	196	18.3	56.3	0
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	194	20.2	56.2	0
Augusta Seed	A3387	PL		107	191	19.8	55.4	9
Augusta Seed	A5160CBCRW	PL	CB/RW	105	190	20.8	55.9	0
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	187	19.0	55.3	13
Augusta Seed	A-06-11HX	PL	CB/GU	107	184	18.9	55.0	0
Maturity Average					207	19.1	55.7	2
L.S.D. (0.05)					20	2.5	2.6	5
C.V.					7	9.0	3.3	---
108-111 Days Relative Maturity								
DEKALB	DKC61-73(RR2/YGCB)	PL	CB/GY	111	255	20.3	54.2	0
Mid-Atlantic	MA7125Bt	PL	CB	111	241	20.5	55.2	4
Augusta Seed	A-06-08HX	PL	CB/GU	111	238	19.9	54.7	2
DEKALB	DKC61-22(RR2)	PL	GY	111	236	19.8	54.5	2
NK Brand Seeds	N68-B8	C	CB/GU	110	226	18.7	54.2	0
Augusta Seed	A-06-09HX	PL	CB/GU	111	226	20.1	54.2	1
Adler	3500CB	PL	CB	109	224	20.0	55.5	1
Southern States	SS 647 VT3	PH	CB/GY/RW	110	221	18.2	55.3	0
Pioneer	34F96	PL	CB/GU/GY	110	217	19.5	53.2	2
Trisler	T-5257PLRR	PH	CB/GY/RW	111	217	20.6	53.7	0
Augusta Seed	A-07-09	C		108	217	19.7	55.5	0
Hubner	5466VPR	PH	CB/GY/RW	109	216	20.1	53.9	2
Augusta Seed	A-06-04HX	PL	CB/GU	110	216	19.9	55.6	0
T.A. Seeds	TA678-13	PL	CB/GY/RW	111	210	18.6	55.3	1
Seed Consultants	SC 10BL96	C	CB/GU	108	210	18.5	53.3	0
Doebler's	785RB	PL	CB/GY	111	209	21.7	52.0	6
Mid-Atlantic	MA7096BT	PL	CB	109	208	19.1	54.8	5
VIGORO	V4873VT3	PL	CB/GY/RW	108	208	18.1	55.4	0
Trisler	T-7A01VT3	PH	CB/GY/RW	111	207	19.9	55.1	0
Dyna-Gro	56B15	PL	CB/GY/RW	109	206	17.8	56.8	0
Southern States	SS 661 VT3	PH	CB/GY/RW	111	206	19.1	54.4	5
Hubner	4473BR	PH	CB/GY	110	205	19.6	55.2	10
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	205	20.2	54.5	5
T.A. Seeds	TA607-11	PL	CB	110	204	19.3	54.4	0
Trisler	T-6A01PLRR	PH	CB/GY/RW	109	202	18.8	55.6	4

Table 10. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST ¹	GT ²	DTM per	Yield ⁴	Moist	Test Wt.	Lodging
				Co. ³	bu/A	%	lb/bu	%
Freedom	580CBLL	PL	CB/GU	109	200	18.0	55.1	0
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	195	19.7	56.2	8
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	193	21.6	54.4	0
Mid-Atlantic	MA8107BT/CRW/RR	PL	CB/GY/RW	109	193	19.4	55.6	2
Seed Consultants	SC 10MT97	C	CB/GY/RW	108	191	19.4	55.2	6
Doebler's	786BVR	PL	CB/GY	111	186	22.2	53.1	2
Maturity Average					213	19.6	54.7	2
L.S.D. (0.05)					26	1.6	1.5	4
C.V.					9	5.5	1.9	---
112-115 Days Relative Maturity								
Mid-Atlantic	MA5130	C		112	231	21.4	52.7	1
T.A. Seeds	TA777-11	PL	CB	115	229	19.7	55.7	1
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	227	19.6	54.7	0
DEKALB	DKC64-23(RR2/GRW)	PL	GY/RW	114	226	20.8	54.8	0
Trisler	T-7N53RRCB	PH	CB/GY	112	223	20.7	55.2	0
VIGORO	V52RP73	PL	CB/GY/RW	112	218	19.1	55.4	0
Seed Consultants	SC 11MT45	C	CB/GY/RW	114	217	21.0	53.6	6
Southern States	SS E95048	PH	IT	115	214	18.7	55.6	0
NK Brand Seeds	N75-A4	C	CB/GU	113	214	20.6	55.0	4
Dyna-Gro	57X23	PL	CB/GU	112	213	19.4	56.6	1
Augusta Seed	A-06-06	C		112	213	20.9	53.4	0
Augusta Seed	A-06-10HX	PL	CB/GU	115	210	19.4	52.7	0
Trisler	T-8A03PLRR	PH	CB/GY/RW	113	209	21.2	53.0	7
VIGORO	V5473VT3	PL	CB/GY/RW	114	207	21.1	55.0	2
Seed Consultants	SC 11BR58	PL	CB/GY	114	207	20.7	51.4	0
Dyna-Gro	57V05	PL	CB/GY/RW	115	206	22.0	52.7	2
Pioneer	33V16	PL	CB/GY	115	206	22.2	57.2	0
Augusta Seed	A5337	PL		113	206	23.1	53.2	5
DEKALB	DKC65-47(RR2)	PL	GY	115	204	22.7	52.7	1
Dyna-Gro	57V44	PL	CB/GY/RW	113	202	19.6	55.2	0
Garst	8384CB/LL/RW	C	CB/GU/RW	113	202	19.9	54.4	1
Mid-Atlantic	MA8169RR	PL	GY	115	202	19.7	52.5	0
Southern States	SS 731CL	PH	IT	114	201	21.0	54.0	4
DEKALB	RX754RR2/YGPL	PL	CB/GY/RW	112	200	20.3	55.0	0
Augusta Seed	T-06-03CB	PL	CB	112	198	19.6	54.6	1
Adler	8140RRBt	PL	CB/GY/RW	115	194	20.5	54.5	11
Doebler's	856XRR	PL	GY	115	185	22.3	52.8	9
Seed Consultants	SC 11MT55	C	CB/GY/RW	115	184	19.6	54.3	10
Augusta Seed	A5337RRCB	PL	CB/GY	113	180	22.1	52.7	8
Adler	8140CB	PL	CB	115	180	22.6	53.0	17
Southern States	SS 746 RR2YGCB	PH	CB/GY	115	179	20.4	55.6	8
Adler	4740YGPL	PL	CB/RW	112	178	18.9	54.1	8
Garst	8343YPL/RR	C	CB/GY/RW	115	175	21.0	56.1	2
Maturity Average					204	20.7	54.2	3
L.S.D. (0.05)					26	1.9	1.6	7
C.V.					9	6.5	2.0	---

Table 10. Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu	Lodging %
>115 Days Relative Maturity								
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	231	19.6	55.7	0
Augusta Seed	A07-007	C		116	224	20.7	55.6	0
Pioneer	31G71	PL	CB/GY/GU	119	218	19.5	55.6	0
Pioneer	33M57	PL	CB/GU/GY	116	216	21.6	56.0	0
DEKALB	DKC69-43(RR2)	PL	GY	119	214	21.1	55.8	0
Augusta Seed	A-07-08	C		118	214	21.9	54.7	2
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	213	21.0	54.9	2
Seed Consultants	SC 11BR97	C	CB/GY	119	207	21.3	56.1	4
Adler	9040RRBT	PL	CB/GY	117	207	20.9	53.3	4
Seed Consultants	SC11H76	C	CB	117	206	23.6	50.4	6
Southern States	783RR2YGCB	PH	CB/GY	116	204	20.7	55.6	0
Augusta Seed	A-06-02HXP	PL	CB/GU	119	198	23.4	50.0	3
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	196	21.3	55.6	1
T.A. Seeds	TA780-01	PL	CB	117	193	20.8	53.2	9
Southern States	SS 842 RR2	PH	GY	119	191	19.7	53.0	3
Seed Consultants	SC 12BR08	PL	CB/GY/RW	120	186	22.0	53.8	1
T.A. Seeds	TA788-11	PL	CB/GU	116	185	21.3	52.9	0
Southern States	791CL	PH	IT	117	173	20.3	54.3	0
Maturity Average					204	21.2	54.3	2
L.S.D. (0.05)					29	1.4	1.4	5
C.V.					10	4.7	1.8	---
Location Average					207	20.1	54.6	3

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 = imidazolinon-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 20, 2007. Harvested September 18, 2007.

Table 11. Two-year Average Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2006 and 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu	Lodging %
<108 Days Relative Maturity								
Augusta Seed	A5231CB	PL	CB	106	216	22.1	56.2	22
Augusta Seed	A-06-07CB	PL	CB	107	202	21.4	53.6	13
Augusta Seed	A3387CBCRW	PL	CB/GY/RW	107	197	22.2	54.9	27
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	190	22.8	56.1	26
Augusta Seed	A-06-11HX	PL	CB/GU	107	184	20.9	54.2	6
Augusta Seed	A5160CBCRW	PL	CB/RW	105	183	24.0	55.3	33
Maturity Average					195	22.2	55.1	21
L.S.D. (0.05)					17	1.8	1.6	10
C.V.					9	7.6	2.8	---
108-111 Days Relative Maturity								
Mid-Atlantic	MA7125Bt	PL	CB	111	222	23.2	54.4	31
Augusta Seed	A-06-08HX	PL	CB/GU	111	220	22.8	53.7	21
NK Brand Seeds	N68-B8	C	CB/GU	110	210	21.4	54.2	3
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	207	22.7	54.0	20
Augusta Seed	A-06-09HX	PL	CB/GU	111	204	23.1	54.6	4
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	202	24.6	54.5	10
Augusta Seed	A-06-04HX	PL	CB/GU	110	200	22.3	54.7	7
Mid-Atlantic	MA7096BT	PL	CB	109	199	21.8	54.5	12
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	198	22.2	56.1	21
Maturity Average					207	22.7	54.5	14
L.S.D. (0.05)					17	1.3	1.2	10
C.V.					8	5.5	2.1	---
112-115 Days Relative Maturity								
Augusta Seed	A-06-06	C		112	213	23.1	53.1	10
Augusta Seed	A-06-10HX	PL	CB/GU	115	207	22.3	52.6	3
Augusta Seed	A5337	PL		113	203	25.2	53.2	27
Pioneer	33V16	PL	CB/GY	115	193	24.3	56.7	3
Augusta Seed	A5337RRCB	PL	CB/GY	113	192	24.3	52.7	23
Augusta Seed	T-06-03CB	PL	CB	112	189	21.9	55.4	7
Maturity Average					200	23.5	54.0	12
L.S.D. (0.05)					18	1.3	1.0	9
C.V.					9	5.5	1.7	---
>115 Days Relative Maturity								
Pioneer	31G71	PL	CB/GY/GU	119	208	22.9	55.0	3
Seed Consultants	SC11H76	C	CB	117	197	25.8	50.9	35
Augusta Seed	A-06-02HXP	PL	CB/GU	119	195	25.3	50.2	32
Southern States	783RR2YGCB	PH	CB/GY	116	195	23.5	55.2	17
Southern States	791CL	PH	IT	117	162	23.6	54.7	20
Maturity Average					191	24.2	53.2	21
L.S.D. (0.05)					23	1	1.2	10
C.V.					12	3.9	2.1	---
Location Average					200	23.1	54.2	17

Table 11. Two-year Average Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA in 2006 and 2007 - Virginia Tech Trials (cont.)

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.

Table 12. Three-year Average Corn Yields under IRRIGATED conditions at the Virginia Crop Improvement Foundation Seed Farm at MT HOLLY, VIRGINIA, 2005-2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
112-115 Days Relative Maturity							
Augusta Seed	A5337RRCB	PL	CB/GY	113	195	24.6	54.0
Augusta Seed	A5337	PL		113	195	24.9	54.1
			Maturity Average		195	24.8	54.1
			L.S.D. (0.05)		18	1.3	0.7
			C.V.		10	5.7	1.4

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.

Table 13. Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity							
Adler	3515RRBT	PL	CB/GY	107	103	17.3	57.1
Doebler's	648ARB	PL	CB/GY	107	101	16.6	55.8
					Maturity Average	102	56.5
					L.S.D. (0.05)	32	1.1
					C.V.	14	0.9
108-111 Days Relative Maturity							
Doebler's	785RB	PL	CB/GY	111	96	19.9	54.1
Doebler's	786BVR	PL	CB/GY	111	94	20.8	54.7
DEKALB	DKC61-73(RR2/YGCB)	PL	CB/GY	111	89	16.2	57.0
Adler	3500CB	PL	CB	109	88	17.6	57.2
Southern States	SS 661 VT3	PH	CB/GY/RW	111	81	17.7	54.8
Southern States	SS 647 VT3	PH	CB/GY/RW	110	80	16.8	56.5
NK Brand Seeds	N68-B8	C	CB/GU	110	79	16.7	56.9
Dyna-Gro	56B15	PL	CB/GY/RW	109	75	14.4	57.5
Freedom	580CBLL	PL	CB/GU	109	71	15.9	55.7
Augusta Seed	A-07-09	C		108	68	16.3	58.1
DEKALB	DKC61-22(RR2)	PL	GY	111	65	18.6	55.0
					Maturity Average	81	56.1
					L.S.D. (0.05)	26	1.0
					C.V.	22	1.2
112-115 Days Relative Maturity							
Southern States	SS E95048	PH	IT	115	115	16.4	58.1
NK Brand Seeds	N77-P5	C	CB/GU	114	112	18.6	56.2
Augusta Seed	A5337RRCB	PL	CB/GY	113	104	20.1	54.5
Pioneer	33V16	PL	CB/GY	115	103	19.0	59.1
Adler	8140CB	PL	CB	115	99	19.1	57.5
Dyna-Gro	57X23	PL	CB/GU	112	98	17.0	57.0
Augusta Seed	A-06-10HX	PL	CB/GU	115	97	17.0	54.5
DEKALB	RX754RR2/YGPL	PL	CB/GY/RW	112	95	18.3	57.5
DEKALB	DKC65-47(RR2)	PL	GY	115	93	19.1	57.2
Mid-Atlantic	MA8133RR/BT	PL	CB/GY	113	91	16.2	55.8
Adler	8140RRBt	PL	CB/GY/RW	115	90	19.6	57.1
Adler	4740YGPL	PL	CB/RW	112	87	17.3	56.2
Dyna-Gro	57V44	PL	CB/GY/RW	113	85	17.7	56.2
Dyna-Gro	57V05	PL	CB/GY/RW	115	85	21.0	54.0
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	85	15.1	56.6
Mid-Atlantic	MA7152BT	PL	CB	115	84	18.9	56.0
Southern States	SS 731CL	PH	IT	114	83	18.3	56.3
Southern States	SS 746 RR2YGCB	PH	CB/GY	115	82	19.4	56.2
Doebler's	856XRR	PL	GY	115	81	20.3	53.8
DEKALB	DKC64-23(RR2/GRW)	PL	GY/RW	114	78	17.3	57.6
Augusta Seed	A-06-06	C		112	75	19.4	56.4
					Maturity Average	92	56.4
					L.S.D. (0.05)	20	0.9
					C.V.	15	1.1

Table 13. Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
>115 Days Relative Maturity							
Garst	8247YG1	C	CB	117	99	21.1	55.7
Garst	8294YG1/IT	C	CB/IT	118	99	18.1	54.7
DEKALB	DKC69-43(RR2)	PL	GY	119	96	19.6	57.1
NK Brand Seeds	N82-A7	C	CB/GU	118	91	21.1	54.5
Augusta Seed	A-07-08	C		118	85	18.3	56.3
Augusta Seed	A04-102CB	PL	CB	118	83	21.1	55.6
Adler	9040RRBT	PL	CB/GY	117	83	19.3	54.5
Pioneer	31G71	PL	CB/GY/GU	119	82	18.2	56.6
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	81	21.8	53.9
Augusta Seed	A5338	PL		116	81	18.9	55.3
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	74	19.9	55.3
Southern States	791CL	PH	IT	117	67	19.0	57.4
Southern States	783RR2YGCB	PH	CB/GY	116	65	19.3	54.4
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	62	21.0	53.7
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	62	20.9	55.4
Southern States	SS 842 RR2	PH	GY	119	53	20.5	54.1
Augusta Seed	A07-007	C		116	50	19.5	56.2
Pioneer	33M57	PL	CB/GU/GY	116	34	20.3	54.0
Maturity Average					75	19.9	55.3
L.S.D. (0.05)					23	1.0	0.8
C.V.					21	3.3	1.0
Location Average					83	18.6	55.9

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 = 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 = imidazolinon-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 11, 2007. Harvested September 12, 2007.

Table 14. Two-year Average Corn Yields at the Southern Piedmont AREC at BLACKSTONE, VIRGINIA in 2006 and 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity							
NK Brand Seeds	N68-B8	C	CB/GU	110	120	21.2	55.1
112-115 Days Relative Maturity							
Augusta Seed	A5337RRCB	PL	CB/GY	113	133	24.3	52.7
NK Brand Seeds	N77-P5	C	CB/GU	114	132	23.9	53.6
Pioneer	33V16	PL	CB/GY	115	130	23.9	57.4
Maturity Average					132	24.0	54.6
L.S.D. (0.05)					17	0.7	0.8
C.V.					11	2.6	1.3
>115 Days Relative Maturity							
Augusta Seed	A04-102CB	PL	CB	118	120	25.9	54.1
Pioneer	31G71	PL	CB/GY/GU	119	118	23.8	55.0
Augusta Seed	A5338	PL		116	113	23.4	52.7
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	106	24.1	53.2
Southern States	783RR2YGCB	PH	CB/GY	116	99	23.8	53.5
Southern States	791CL	PH	IT	117	97	24.7	55.1
Maturity Average					109	24.3	53.9
L.S.D. (0.05)					15	0.7	0.4
C.V.					13	2.9	0.8
Location Average					117	23.9	54.2

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.

Table 15. Corn Yields at the Northern Piedmont AREC at ORANGE, VIRGINIA in 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Lodging %	Days to Silk	Ear Ht inches
<108 Days Relative Maturity									
Doebler's	648ARB	PL	CB/GY	107	205	15.1	1	63	51
Mid-Atlantic	MA8088VT3	PL	CB/GY/RW	107	203	14.7	17	62	50
Mid-Atlantic	MA5090	C		107	185	15.0	9	62	55
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	183	15.6	1	63	51
Mid-Atlantic	MA5110	C		107	182	15.2	12	64	48
Augusta Seed	A5175PLRR	PL	CB/GY/RW	107	182	15.1	7	61	48
T.A. Seeds	TA 5753	PL	CB/GY	107	170	15.0	1	64	44
Mid-Atlantic	MA8044BT/CRW/RR	PL	CB/GY/RW	104	169	15.1	0	58	42
Mid-Atlantic	MA8001VT3	PL	CB/GY/RW	100	153	15.0	1	59	41
Maturity Average					181	15.1	5	62	48
L.S.D. (0.05)					13	0.4	11	2	4
C.V.					4	1.6	---	2	4
108-111 Days Relative Maturity									
Hyttest Seeds	HT7590TS	C	CB/GY/RW	109	225	15.0	0	60	47
NK Brand Seeds	N68-B8	C	CB/GU	110	221	15.1	1	62	41
Seed Consultants	SC 10MT97	C	CB/GY/RW	108	219	14.6	5	63	50
Doebler's	785RB	PL	CB/GY	111	211	16.1	1	64	50
Southern States	SS 647 VT3	PH	CB/GY/RW	110	208	16.0	11	63	53
DEKALB	DKC61-73(RR2/YGCB)	PL	CB/GY	111	203	15.3	13	61	53
Mid-Atlantic	MA7096BT	PL	CB	109	203	15.2	0	62	51
Augusta Seed	A-06-04HX	PL	CB/GU	110	202	14.7	1	62	51
Southern States	SS 661 VT3	PH	CB/GY/RW	111	196	14.9	22	64	54
Augusta Seed	A-07-09	C		108	194	15.3	6	60	39
T.A. Seeds	TA607-11	PL	CB	110	193	15.4	7	63	51
Pioneer	34F96	PL	CB/GU/GY	110	188	15.4	8	62	46
T.A. Seeds	TA678-13	PL	CB/GY/RW	111	187	15.0	5	62	52
Seed Consultants	SC 10BL96	C	CB/GU	108	186	15.0	2	64	53
Mid-Atlantic	MA8107BT/CRW/RR	PL	CB/GY/RW	109	182	15.0	27	64	48
Hubner	5525PL	PL	CB/RW	111	178	15.0	2	62	48
Mid-Atlantic	MA7125Bt	PL	CB	111	175	15.2	21	63	50
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	172	15.0	13	63	47
DEKALB	DKC61-22(RR2)	PL	GY	111	168	14.9	21	62	51
Doebler's	786BVR	PL	CB/GY	111	157	16.9	3	65	52
Dyna-Gro	56B15	PL	CB/GY/RW	109	153	15.0	11	59	49
Maturity Average					191	15.2	9	62	49
L.S.D. (0.05)					33	0.5	17	2	4
C.V.					11	2.0	---	2	5
112-115 Days Relative Maturity									
Mid-Atlantic	MA8169RR	PL	GY	115	237	15.2	6	65	54
Dyna-Gro	57V44	PL	CB/GY/RW	113	207	15.3	5	65	51
Seed Consultants	SC 11MT45	C	CB/GY/RW	114	197	15.9	16	64	51
T.A. Seeds	TA777-11	PL	CB	115	196	15.2	6	65	53
Southern States	SS 746 RR2YGCB	PH	CB/GY	115	194	15.4	8	66	59
Dyna-Gro	57X23	PL	CB/GU	112	192	14.6	7	64	57
Southern States	SS 731CL	PH	IT	114	184	15.4	8	65	56
NK Brand Seeds	N75-A4	C	CB/GU	113	184	15.9	8	63	55
DEKALB	RX754RR2/YGPL	PL	CB/GY/RW	112	183	15.3	5	63	49

Table 16. Corn Yields at the Northern Piedmont AREC at ORANGE, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Yield ⁴		Moist Lodging		Days to Ear Ht		
				Co. ³	bu/A	%	%	Silk	inches	
Seed Consultants	SC 11BR58	PL	CB/GY	114	183	15.3	11	65	56	
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	181	14.7	5	61	53	
Doebler's	856XRR	PL	GY	115	179	15.6	7	66	57	
Augusta Seed	A-06-10HX	PL	CB/GU	115	179	15.4	16	66	49	
Augusta Seed	A5337	PL		113	175	14.9	22	65	50	
Hyttest Seeds	HT7749TS	C	CB/GY/RW	115	173	15.2	13	64	52	
DEKALB	DKC65-47(RR2)	PL	GY	115	172	15.4	8	62	49	
Pioneer	33V16	PL	CB/GY	115	172	15.1	6	66	55	
Augusta Seed	A5337RRCB	PL	CB/GY	113	171	15.4	24	65	51	
Seed Consultants	SC 11MT55	C	CB/GY/RW	115	170	15.5	12	66	54	
Mid-Atlantic	MA5130	C		112	170	15.7	13	65	54	
Augusta Seed	A-06-06	C		112	170	15.3	7	65	52	
Hyttest Seeds	HT75-50CR	C	GY/RW	115	170	15.2	4	64	51	
Augusta Seed	T-06-03CB	PL	CB	112	168	15.1	2	64	54	
NK Brand Seeds	N72-L2	C	CB/GU	112	168	15.5	5	62	53	
Hubner	5810PR	PL	CB/GY/RW	115	167	15.6	13	65	49	
DEKALB	DKC64-23(RR2/GRW)	PL	GY/RW	114	160	15.0	6	61	46	
Dyna-Gro	57V05	PL	CB/GY/RW	115	153	16.0	19	64	50	
Southern States	SS E95048	PH	IT	115	150	14.8	11	63	50	
				Maturity Average		179	15.3	10	64	53
				L.S.D. (0.05)		25	0.6	10	2	4
				C.V.		9	2.5	---	2	5
>115 Days Relative Maturity										
T.A. Seeds	TA788-11	PL	CB/GU	116	167	15.3	6	64	53	
Seed Consultants	SC 12BR08	PL	CB/GY/RW	120	166	16.2	3	67	54	
Pioneer	31G71	PL	CB/GY/GU	119	166	15.4	3	66	57	
Southern States	783RR2YGCB	PH	CB/GY	116	163	15.2	8	66	49	
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	162	16.0	3	64	54	
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	151	15.9	1	66	54	
Pioneer	33M57	PL	CB/GU/GY	116	142	16.1	15	66	50	
T.A. Seeds	TA780-01	PL	CB	117	141	16.6	14	64	47	
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	136	15.3	20	65	51	
DEKALB	DKC69-43(RR2)	PL	GY	119	136	15.5	8	65	47	
Seed Consultants	SC 11BR97	C	CB/GY	119	134	16.3	5	67	57	
Seed Consultants	SC11H76	C	CB	117	131	16.9	6	66	54	
Augusta Seed	A-07-08	C		118	130	15.7	16	66	52	
Augusta Seed	A07-007	C		116	127	15.8	5	66	55	
Southern States	SS 842 RR2	PH	GY	119	109	17.1	26	66	50	
Southern States	791CL	PH	IT	117	108	16.8	14	66	54	
				Maturity Average		142	16.0	10	66	52
				L.S.D. (0.05)		25	1.0	12	2	4
				C.V.		12	4.0	---	2	5
				Location Average		174	15.4	9	64	51

Table 16. Corn Yields at the Northern Piedmont AREC at ORANGE, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

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 2-7, 2007. Harvested October 22-30, 2007.

Table 16. Two-year Average Corn Yields at the Northern Piedmont AREC at ORANGE, VIRGINIA in 2006 and 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Lodging %	Days to Silk	Ear Ht inches
<108 Days Relative Maturity									
Augusta Seed	A5234PLRR	PL	CB/GY/RW	107	176	15.3	23	67	45
T.A. Seeds	TA 5753	PL	CB/GY	107	174	14.6	8	68	42
Maturity Average					175	15.0	16	68	44
L.S.D. (0.05)					22	0.7	29	1	4
C.V.					8	2.9	---	1	5
108-111 Days Relative Maturity									
Augusta Seed	A-06-04HX	PL	CB/GU	110	181	14.7	2	66	46
NK Brand Seeds	N68-B8	C	CB/GU	110	177	14.7	4	68	38
Mid-Atlantic	MA7096BT	PL	CB	109	172	15.0	17	68	44
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	163	14.8	29	67	43
Maturity Average					173	14.8	13	67	43
L.S.D. (0.05)					31	1.0	15	2	3
C.V.					15	5.4	---	2	6
112-115 Days Relative Maturity									
Pioneer	33V16	PL	CB/GY	115	179	15.0	18	69	48
Augusta Seed	A5337RRCB	PL	CB/GY	113	166	15.5	38	69	45
Augusta Seed	A5337	PL		113	164	14.4	42	68	46
Augusta Seed	T-06-03CB	PL	CB	112	154	15.1	5	67	48
Maturity Average					166	15.0	26	68	47
L.S.D. (0.05)					18	0.8	29	1	3
C.V.					8	4.0	---	1	4
>115 Days Relative Maturity									
Pioneer	31G71	PL	CB/GY/GU	119	167	15.5	7	70	50
Southern States	783RR2YGCB	PH	CB/GY	116	151	15.3	13	70	46
Seed Consultants	SC11H76	C	CB	117	140	16.3	10	70	50
Southern States	791CL	PH	IT	117	118	16.2	20	70	50
Maturity Average					144	15.8	13	70	49
L.S.D. (0.05)					24	1.2	16	1	4
C.V.					13	6.2	---	1	6
Location Average					163	15.2	17	68	46

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 = imidazolinon-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 17. Three-year Average Corn Yields at the Northern Piedmont AREC at ORANGE, VIRGINIA, 2005-2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Days to Silk	Ear Ht inches
<108 Days Relative Maturity								
T.A. Seeds	TA 5753	PL	CB/GY	107	150	14.5	70	39
112-115 Days Relative Maturity								
Augusta Seed	A5337RRCB	PL	CB/GY	113	154	15.8	71	40
Location Average					152	15.1	71	39

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 = imidazolinon-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. Corn Yields at North Point Farm at SHENANDOAH COUNTY, VIRGINIA in 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity							
Mid-Atlantic	MA8088VT3	PL	CB/GY/RW	107	193	19.0	55.2
Mid-Atlantic	MA5110	C		107	175	19.7	57.3
Augusta Seed	A5231CB	PL	CB	106	168	18.9	57.1
Augusta Seed	A-06-07CB	PL	CB	107	167	18.7	54.3
Mid-Atlantic	MA8001VT3	PL	CB/GY/RW	100	166	17.2	56.1
Trisler	T-5A01RRCB	PH	CB/GY	107	164	17.2	56.0
Mid-Atlantic	MA5090	C		107	164	19.1	58.1
Adler	3515RRBT	PL	CB/GY	107	161	18.5	56.1
Doebler's	648ARB	PL	CB/GY	107	160	18.4	54.4
Augusta Seed	A-06-11HX	PL	CB/GU	107	159	17.6	54.8
T.A. Seeds	TA 5753	PL	CB/GY	107	156	18.5	55.9
Mid-Atlantic	MA8044BT/CRW/RR	PL	CB/GY/RW	104	155	17.5	56.2
Augusta Seed	A06-05GT	C	GY	101	148	16.2	56.5
Maturity Average					164	18.2	56.0
L.S.D. (0.05)					19	1.1	1.9
C.V.					8	4.4	2.3
108-111 Days Relative Maturity							
Mid-Atlantic	MA7125Bt	PL	CB	111	196	19.0	53.6
Trisler	T-5N51VT3	PH	CB/GY/RW	108	186	18.8	55.3
DEKALB	DKC61-73(RR2/YGCB)	PL	CB/GY	111	185	19.3	55.3
DEKALB	DKC61-22(RR2)	PL	GY	111	180	18.2	55.8
Augusta Seed	A-06-09HX	PL	CB/GU	111	177	20.1	54.9
Hytest Seeds	HT7590TS	C	CB/GY/RW	109	177	18.7	57.4
Mid-Atlantic	MA7096BT	PL	CB	109	175	18.3	56.5
Pioneer	34F96	PL	CB/GU/GY	110	174	19.4	53.3
Augusta Seed	A5262PLRR	PL	CB/GY/RW	109	174	18.7	54.4
Trisler	T-7A01VT3	PH	CB/GY/RW	111	171	20.3	56.1
Augusta Seed	A-06-04HX	PL	CB/GU	110	169	19.0	54.5
Doebler's	786BVR	PL	CB/GY	111	168	20.7	52.2
Augusta Seed	A-05-30PLRR	PL	CB/GY/RW	108	168	19.9	55.3
Adler	3500CB	PL	CB	109	167	19.4	54.7
Freedom	580CBL	PL	CB/GU	109	167	17.9	54.1
Augusta Seed	A-07-09	C		108	164	19.9	56.3
Mid-Atlantic	MA8107BT/CRW/RR	PL	CB/GY/RW	109	164	19.1	55.0
NK Brand Seeds	N68-B8	C	CB/GU	110	164	18.8	53.5
Seed Consultants	SC 10MT97	C	CB/GY/RW	108	163	18.3	55.3
Seed Consultants	SC 10BL96	C	CB/GU	108	162	18.9	54.7
Doebler's	785RB	PL	CB/GY	111	161	19.9	51.3
T.A. Seeds	TA607-11	PL	CB	110	157	18.2	54.4
Dyna-Gro	56B15	PL	CB/GY/RW	109	156	17.8	56.7
Hubner	5525PL	PL	CB/RW	111	153	18.1	54.4
T.A. Seeds	TA678-13	PL	CB/GY/RW	111	130	18.3	54.9
Maturity Average					168	19.0	54.8
L.S.D. (0.05)					19	1.2	1.2
C.V.					8	4.4	1.6

Table 19. Corn Yields at North Point Farm at SHENANDOAH COUNTY, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
<112-115 Days Relative Maturity							
Doebler's	856XRR	PL	GY	115	187	22.7	50.7
Adler	8140RRBt	PL	CB/GY/RW	115	185	21.2	54.2
Trisler	T-8A03PLRR	PH	CB/GY/RW	113	181	19.6	52.2
Hyttest Seeds	HT75-50CR	C	GY/RW	115	180	20.9	53.6
Augusta Seed	A-06-06	C		112	179	20.6	51.8
Augusta Seed	A5337RRCB	PL	CB/GY	113	177	20.8	50.6
DEKALB	DKC63-42(VT3)	PL	CB/GY/RW	113	176	19.0	54.7
Hyttest Seeds	HT7749TS	C	CB/GY/RW	115	176	20.6	51.8
Garst	8384CB/LL/RW	C	CB/GU/RW	113	175	19.8	54.6
DEKALB	DKC64-23(RR2/GRW)	PL	GY/RW	114	175	19.9	56.7
DEKALB	DKC65-47(RR2)	PL	GY	115	175	20.6	54.8
T.A. Seeds	TA777-11	PL	CB	115	175	19.5	52.7
Mid-Atlantic	MA8169RR	PL	GY	115	175	19.7	52.3
Mid-Atlantic	MA5130	C		112	175	20.6	53.3
Seed Consultants	SC 11MT45	C	CB/GY/RW	114	173	20.5	51.4
NK Brand Seeds	N75-A4	C	CB/GU	113	173	20.7	53.1
BORDER	BORDER			114	171	20.9	54.3
Augusta Seed	A-06-10HX	PL	CB/GU	115	171	19.8	55.5
Trisler	T-7N54RRCB	PH	CB/GY	112	170	19.8	57.1
Seed Consultants	SC 11MT55	C	CB/GY/RW	115	169	19.8	53.9
Pioneer	33V16	PL	CB/GY	115	169	20.6	57.4
Dyna-Gro	57X23	PL	CB/GU	112	168	19.4	57.6
Dyna-Gro	57V05	PL	CB/GY/RW	115	167	20.7	52.5
Hubner	5810PR	PL	CB/GY/RW	115	167	21.1	52.6
Adler	8140CB	PL	CB	115	167	21.7	51.6
Seed Consultants	SC 11BR58	PL	CB/GY	114	166	19.7	53.5
Augusta Seed	A5337	PL		113	166	19.9	52.0
NK Brand Seeds	N72-L2	C	CB/GU	112	165	19.5	54.3
Mid-Atlantic	MA7150BT/CRW/RR	PL	CB/GY/RW	115	162	20.5	54.7
Garst	8343YPL/RR	C	CB/GY/RW	115	157	19.8	55.4
DEKALB	RX754RR2/YGPL	PL	CB/GY/RW	112	156	19.7	56.9
Adler	4740YGPL	PL	CB/RW	112	154	18.2	55.1
Dyna-Gro	57V44	PL	CB/GY/RW	113	152	19.2	57.5
			Maturity Average		171	20.2	54.0
			L.S.D. (0.05)		23	1.2	2.3
			C.V.		10	4.4	3.0
>115 Days Relative Maturity							
Seed Consultants	SC 11BR97	C	CB/GY	119	202	21.1	53.7
Pioneer	31G71	PL	CB/GY/GU	119	186	20.5	53.5
Augusta Seed	A-07-08	C		118	186	21.3	56.1
Augusta Seed	A07-007	C		116	185	19.9	54.8
DEKALB	DKC67-87(RR2/YGCB)	PL	CB/GY	117	176	20.0	54.0
Pioneer	33M57	PL	CB/GU/GY	116	175	22.0	55.8
DEKALB	DKC69-43(RR2)	PL	GY	119	174	21.1	53.5
Augusta Seed	A-06-02HXP	PL	CB/GU	119	174	22.1	50.4
Seed Consultants	SC11H76	C	CB	117	171	21.7	49.1
DEKALB	DKC67-23(RR2/YGCB)	PL	CB/GY	117	170	20.6	53.4

Table 19. Corn Yields at North Point Farm at SHENANDOAH COUNTY, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu	
T.A. Seeds	TA788-11	PL	CB/GU	116	170	20.2	52.4	
T.A. Seeds	TA780-01	PL	CB	117	166	21.8	51.4	
Adler	9040RRBT	PL	CB/GY	117	166	20.1	52.1	
Augusta Seed	A04-102CB	PL	CB	118	164	21.4	52.1	
DEKALB	DKC69-71(RR2/YGCB)	PL	CB/GY	119	158	21.5	52.5	
Seed Consultants	SC 12BR08	PL	CB/GY/RW	120	150	21.5	51.8	
					Maturity Average	173	21.1	52.9
					L.S.D. (0.05)	39	1.4	2
					C.V.	16	4.5	2.7
					Location Average	169	19.7	54.3

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 = imidazolinon-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 30, 1007. Harvested October 9, 2007.

Table 19. Two-year Average Corn Yields at SHENANDOAH VALLEY, VIRGINIA in 2006 and 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity							
T.A. Seeds	TA 5753	PL	CB/GY	107	149	19.0	55.3
108-111 Days Relative Maturity							
Mid-Atlantic	MA7096BT	PL	CB	109	158	18.4	56.0
NK Brand Seeds	N68-B8	C	CB/GU	110	150	18.6	54.2
			Maturity Average		154	18.5	55.1
			L.S.D. (0.05)		14	0.9	1.5
			C.V.		8	4.2	2.2
112-115 Days Relative Maturity							
Augusta Seed	A-06-06	C		112	169	20.8	54.3
Pioneer	33V16	PL	CB/GY	115	162	20.9	58.6
Augusta Seed	A5337RRCB	PL	CB/GY	113	158	21.4	53.5
Mid-Atlantic	MA7150BT/CRW/RR	PL	CB/GY/RW	115	156	20.4	55.0
Augusta Seed	A5337	PL		113	154	19.9	53.9
			Maturity Average		160	20.7	55.1
			L.S.D. (0.05)		25	1.0	1.5
			C.V.		15	4.7	2.6
>115 Days Relative Maturity							
Pioneer	31G71	PL	CB/GY/GU	119	166	21.5	55.6
Augusta Seed	A04-102CB	PL	CB	118	162	21.8	54.5
Seed Consultants	SC11H76	C	CB	117	161	22.1	51.8
			Maturity Average		163	21.8	54.0
			L.S.D. (0.05)		15	1.3	1.6
			C.V.		8	5.5	2.6
			Location Average		158	20.4	54.8

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 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 = imidazolinon-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 20. Three-year Average Corn Yields at SHENANDOAH VALLEY, VIRGINIA, 2005-2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
<108 Days Relative Maturity							
T.A. Seeds	TA 5753	PL	CB/GY	107	142	18.9	56.7

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 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 = imidazolinon-tolerant and includes Clearfield[®]; GU = glufosinate-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 21. Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu	Plants per acre
<108 Days Relative Maturity								
Doebler's	648ARB	PL	CB/GY	107	137	18.1	54.1	19951
Trisler	T-5A01RRCB	PH	CB/GY	107	125	15.5	55.6	20125
Augusta Seed	A-06-07CB	PL	CB	107	123	17.9	55.5	19341
Adler	3515RRBT	PL	CB/GY	107	118	17.0	54.8	20212
Maturity Average					126	17.1	55.0	19907
L.S.D. (0.05)					28	2.1	0.6	2626
C.V.					14	7.6	0.7	8
108-111 Days Relative Maturity								
Doebler's	785RB	PL	CB/GY	111	147	20.7	53.6	20444
Pioneer	34A16	PL	CB/GU	110	142	18.4	56.9	21025
Adler	3500CB	PL	CB	109	138	17.3	55.2	20676
NK Brand Seeds	N68-B8	C	CB/GU	110	138	17.1	55.3	21867
Southern States	574RR2YGCB	PH	CB/GY	108	136	16.4	56.1	20299
Augusta Seed	A-06-04HX	PL	CB/GU	110	132	18.5	54.0	18905
Trisler	T-6A02RRCB	PH	CB/GY	109	131	15.7	54.3	20473
Seed Consultants	SC 10MT97	C	CB/GY/RW	108	130	17.9	54.9	20647
T.A. Seeds	TA682-03	PL	CB/GY	111	126	18.2	56.3	18644
Doebler's	786BVR	PL	CB/GY	111	124	17.6	53.9	20212
Freedom	580CBLL	PL	CB/GU	109	124	17.2	55.5	20792
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	123	22.0	54.3	21257
Dyna-Gro	56B15	PL	CB/GY/RW	109	119	16.1	56.8	19689
Seed Consultants	SC 10BL96	C	CB/GU	108	119	17.8	55.4	19399
Augusta Seed	A-07-09	C		108	118	19.2	57.8	19864
Trisler	T-5N52PLRR	PH	CB/GY/RW	108	106	14.7	53.8	17337
T.A. Seeds	TA607-11	PL	CB	110	98	17.8	55.2	15508
Maturity Average					127	17.8	55.3	19826
L.S.D. (0.05)					24	1.6	1.1	2721
C.V.					13	6.0	1.3	9
112-115 Days Relative Maturity								
Seed Consultants	SC 11BR58	PL	CB/GY	114	151	18.4	53.8	19863
Dyna-Gro	57V05	PL	CB/GY/RW	115	147	19.3	54.2	21780
Trisler	T-8A03PLRR	PH	CB/GY/RW	113	144	19.6	53.6	20038
Pioneer	33V16	PL	CB/GY	115	143	21.4	57.9	21693
Seed Consultants	SC 11MT45	C	CB/GY/RW	114	141	19.2	53.5	20125
Augusta Seed	T-06-03CB	PL	CB	112	141	19.4	55.5	20996
Garst	8343YPL/RR	C	CB/GY/RW	115	138	17.5	55.5	20648
Seed Consultants	SC11B55	C	CB	115	138	17.9	52.7	19863
Augusta Seed	A5337	PL		113	135	19.6	53.8	19254
Augusta Seed	A-06-06	C		112	134	19.1	54.4	17947
Dyna-Gro	57V44	PL	CB/GY/RW	113	133	18.4	54.1	19341
Augusta Seed	A5337RRCB	PL	CB/GY	113	133	19.9	53.9	20822
Garst	8384CB/LL/RW	C	CB/GU/RW	113	132	19.0	55.1	21519

Table 22. Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2007 - Virginia Tech Trials (cont.)

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu	Plants per acre
Adler	4740YGPL	PL	CB/RW	112	131	18.6	54.5	18818
Doebler's	856XRR	PL	GY	115	129	21.6	53.9	16901
Trisler	T-8A04PLRR	PH	CB/GY/RW	113	129	17.8	53.7	21170
T.A. Seeds	TA777-11	PL	CB	115	128	18.6	55.5	18905
Dyna-Gro	57X23	PL	CB/GU	112	127	19.4	55.7	19254
Augusta Seed	A-06-10HX	PL	CB/GU	115	127	21.4	54.0	18644
Adler	8140RRBt	PL	CB/GY/RW	115	123	19.3	53.6	21170
T.A. Seeds	TA686-03	PL	CB/GY	113	121	18.1	55.3	19341
Seed Consultants	SC 11MT55	C	CB/GY/RW	115	119	16.5	53.0	20038
Adler	8140CB	PL	CB	115	114	18.9	53.9	19776
Maturity Average					133	19.1	54.4	19909
L.S.D. (0.05)					24	1.9	0.9	3271
C.V.					13	6.9	1.1	12
>115 Days Relative Maturity								
T.A. Seeds	TA780-01	PL	CB	117	139	18.6	53.7	19254
T.A. Seeds	TA788-11	PL	CB/GU	116	138	21.1	54.0	14985
Seed Consultants	SC 12BR08	PL	CB/GY/RW	120	132	23.6	53.9	20212
Seed Consultants	SC11H76	C	CB	117	131	22.3	52.6	18818
Pioneer	31G71	PL	CB/GY/GU	119	131	21.3	55.6	19950
Augusta Seed	A-06-02HXP	PL	CB/GU	119	130	22.3	52.2	19167
Adler	9040RRBT	PL	CB/GY	117	128	19.4	52.8	19689
Augusta Seed	A-07-08	C		118	127	20.2	56.5	20996
Augusta Seed	A07-007	C		116	126	20.4	56.2	18557
T.A. Seeds	TA780-13	PL	CB/GY/RW	117	125	17.9	53.8	21693
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	122	16.0	53.7	21954
Augusta Seed	A5338	PL		116	116	18.2	53.0	17656
Seed Consultants	SC 11BR97	C	CB/GY	119	113	20.8	56.4	20677
T.A. Seeds	TA7911	PL	CB	117	108	19.6	55.6	15217
Southern States	791CL	PH	IT	117	105	21.0	54.8	16030
Southern States	842RR2YG	PH	CB/GY	120	95	19.1	52.2	20212
Augusta Seed	A04-102CB	PL	CB	118	93	18.0	55.0	17686
Maturity Average					121	20.0	54.2	18985
L.S.D. (0.05)					23	2.2	1.1	3468
C.V.					13	7.5	1.3	12
Location Average					127	18.9	54.6	19639

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 = imidazolinon-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 2-3, 2007. Harvested October 2, 2007.

Table 22. Two-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA in 2006 and 2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST ¹	GT ²	DTM per Co. ³	Yield ⁴ bu/A	Moist %	Test Wt. lb/bu
108-111 Days Relative Maturity							
Pioneer	34A16	PL	CB/GU	110	154	21.1	56.6
Augusta Seed	T-06-06RRCB	PL	CB/GY	111	154	25.3	54.1
NK Brand Seeds	N68-B8	C	CB/GU	110	150	19.8	55.4
Southern States	574RR2YGCB	PH	CB/GY	108	147	19.2	56.6
T.A. Seeds	TA682-03	PL	CB/GY	111	142	20.6	57.0
Maturity Average					149	21.2	55.9
L.S.D. (0.05)					19	1.0	0.8
C.V.					11	4.1	1.3
112-115 Days Relative Maturity							
Augusta Seed	A5337RRCB	PL	CB/GY	113	155	22.7	54.2
Pioneer	33V16	PL	CB/GY	115	154	23.2	58.8
Augusta Seed	A5337	PL		113	152	22.2	54.3
Seed Consultants	SC11B55	C	CB	115	151	21.2	53.3
Augusta Seed	T-06-03CB	PL	CB	112	150	21.7	56.0
T.A. Seeds	TA686-03	PL	CB/GY	113	136	20.7	55.5
Maturity Average					150	22.0	55.4
L.S.D. (0.05)					17	1.0	0.7
C.V.					10	4.1	1.2
>115 Days Relative Maturity							
Pioneer	31G71	PL	CB/GY/GU	119	151	23.9	55.5
T.A. Seeds	TA780-13	PL	CB/GY/RW	117	150	21.8	53.8
Seed Consultants	SC11H76	C	CB	117	149	24.6	52.2
Augusta Seed	A5338PLRR	PL	CB/GY/RW	116	149	20.5	53.6
Southern States	842RR2YG	PH	CB/GY	120	139	23.7	52.2
T.A. Seeds	TA7911	PL	CB	117	134	22.2	56.2
Southern States	791CL	PH	IT	117	134	23.8	54.6
Augusta Seed	A04-102CB	PL	CB	118	121	21.2	55.4
Maturity Average					141	22.7	54.2
L.S.D. (0.05)					15	0.9	0.8
C.V.					10	3.8	1.4
Location Average					146	22.2	54.9

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 = 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 = imidazolinon-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 23. Three-year Average Corn Yields at Kentland Farm at BLACKSBURG, VIRGINIA, 2005-2007 - Virginia Tech Trials.

Brand/Company	Hybrid	IST¹	GT²	DTM per Co.³	Yield⁴ bu/A	Moist %	Test Wt. lb/bu
112-115 Days Relative Maturity							
Augusta Seed	A5337RRCB	PL	CB/GY	113	158	24.4	53.9
>115 Days Relative Maturity							
Augusta Seed	A04-102CB	PL	CB	118	133	22.6	56.0
Location Average					145	23.5	55.0

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 = imidazolinon-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.

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