

## Companies Participating in the 1995 Corn Performance Trials

Company	Brand	Address
AG-CHEM INC. - UAP SEEDS	DYNA GRO	PO BOX 2178 SALISBURY MD 21802-2178
AGRATECH SEEDS INC.	AGRATECH	5559 N 500 W McCORDSVILLE ID 46055
ASGROW SEED CO.	ASGROW	2605 EAST KILGORE KALAMAZOO MI 49002
AUGUSTA SEED CORPORTATION	AUGUSTA	RT 2 BOX 16B MT SOLON VA 22843
BEACHLEY-HARDY SEED CO.	HYTEST	PO BOX 3147 SHIREMANSTOWN PA 17011
BECK'S SUPERIOR HYBRIDS	BECK'S	6767 E 276 ST ATLANTA IN 46031
CARGILL HYBRID SEEDS	CARGILL	PO BOX 5645 MINNEAPOLIS MN 55440
CAVERNDALE FARMS INC.	CAVERNDALE	1921 BLUEGRASS RD DANVILLE KY 40422-9293
DEKALB PLANT GENETICS	DEKALB	3100 SYCAMORE RD DEKALB IL 60115
DOEBLER'S PA. HYBRIDS INC.	DOEBLER'S	RD 1 BOX 424 JERSEY SHORE PA 17740
HYPERFORMER SEED CO.	HYPERFORMER	ONE HY CROP ROW MEMPHIS TN 38120
LYNKS SEED CO.	LYNKS	BOX 637 MARSHALLTOWN IA 50158
MID-ATLANTIC SEEDS	MID-ATLANTIC	2083 SPRINGWOOD ROAD #163 YORK PA 17403
MYCOGEN PLANT SCIENCES	MYCOGEN	PO BOX 68 TULIA TX 79088
NORTHRUP KING CO.	NORTHRUP KING	PO BOX 959 MINNEAPOLIS MN 55440
PIONEER HI-BRED INT., INC.	PIONEER BRAND	1000 W JEFFERSON ST TIPTON IN 46072
SOUTHERN STATES COOP., INC.	SS	PO BOX 26234 RICHMOND VA 23260
STINE SEED COMPANY	STINE	PO BOX 231 SHERIDAN IN 46069-0231
TERRA INTERNATIONAL INC.	TERRA	PO BOX 6000 SIOUX CITY IA 51102-6000
WILSON SEEDS, INC.	WILSON	PO BOX 391 HARLAN IA 51537

## VIRGINIA CORN PERFORMANCE TRIALS IN 1995

Coordinated by H. Behl, E. R. Bender and D. E. Brann

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Other contributors include: E. Stromberg; S. Hagood; J. Riddick; G. Whitley; B. Beahm; T. Custis; W.B. Wilkinson; R.R. Wilmouth; D.E. Starner; W. Robinson; J. Waddle; J. Wooge; D.A. Fiske; G. Garber;

Performance trials of commercial corn hybrids were conducted at eight locations in Virginia in 1995. A list of the companies participating in the trials is shown in the table accompanying this information. At Mt. Holly, the hybrids were evaluated under irrigated and non-irrigated conditions. At Blackstone, all hybrids were thinned to achieve 18,000 and 22,000 plants/acre.

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 Performance Trials.

All locations except Orange were planted with an Almaco two row plot planter at the desired population. Orange was planted by hand and thinned to the desired population. All locations except Orange and Painter were harvested with a Massey Ferguson 8-XP plot combine. Orange and Painter were hand harvested and shelled to obtain grain weights. Yields have been adjusted to 15.5% moisture.

### 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.

### Choice of Hybrids

When making hybrid selections it is important to realize that hybrids differ in their performance under 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 any one particular 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 hybrid yield potential compared to other hybrids.

**1995 PLOT INFORMATION**  
(Rates are on a per acre basis.)

**Blacksburg Whitethorne Farm**

**Planted:** May 22, 1995  
**Harvested:** October 19, 1995  
**Pesticide:** 3 qt Lasso + 1.5 lb atrazine + 1 lb simazine  
**Fertilizer:** 40 lb N + 80 lb P + 80 lb K May 8  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Series:** Hayter  
**Cooperator:** J. Wooge, E. Stromberg, S. Hagood

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

**Planted:** April 26, 1995  
**Harvested:** September 11, 1995  
**Pesticide:** 2 qt Bladex 4L + 1 qt Dual 8E/A April 28, 1995  
**Fertilizer:** one ton lime + 800 lb 10-10-10/A preplant incorporated April 4, 1995 + 190 lb ammonium nitrate broadcasted June 9, 1995  
**Plot Size:** 1 row 25' x 30" 4 replications for each population (18,000 and 22,000 plants/acre)  
**Soil Series:** Dothan-Norfolk  
**Cooperators:** W. B. Wilkinson and R. R. Wilmouth

**Holland Tidewater Agricultural Research & Extension Center**

**Planted:** April 17, 1995  
**Harvested:** September 12, 1995  
**Pesticide:** 3 qt Lariat April 19, 1995  
**Fertilizer:** 60 units N April 19 + 100 units N June 2  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Series:** Nansemond fine sandy loam  
**Cooperator:** John Riddick, Gene Whitley, and Bobby Ashburn

**Mt Holly (dry) Virginia Crop Improvement Association Farm**

**Planted:** April 27, 1995  
**Harvested:** September 19, 1995  
**Pesticide:** 1.8 qt Bicep 6L + 0.5 pt Aatrex May 31, 1995  
**Fertilizer:** 80 lb N preplant incorporated + 40 lb N and 12 lb S sidedressed May 31 + 80 lb N applied June 16  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Series:** State fine sandy loam  
**Cooperator:** Bruce Beahm

**Mt Holly (irr) Virginia Crop Improvement Association Farm**

**Planted:** April 27, 1995  
**Harvested:** September 20, 1995  
**Pesticide:** 1.8 qt Bicep 6L + 0.5 pt Aatrex May 31, 1995  
**Fertilizer:** 800 lb N preplant incorporated + 40 lb N and 12 lb S sidedressed May 31 + 80 lb N applied June 16  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Series:** State fine sandy loam  
**Cooperator:** Bruce Beahm

**Orange Northern Piedmont Agricultural Research & Extension Center**

**Planted:** May 1, 1995  
**Harvested:** September 28-29, 1995  
**Pesticide:** 1 qt Dual + 2 qt atrazine April 28, 1995  
**Fertilizer:** 1000 lb 5-10-10 preplant incorporated April 20, 1995 + 150 lb N sidedressed June 7 + 40 lb N July 14 between rows  
**Plot Size:** 1 row 30' x 30" 4 replications  
**Soil Series:** Davidson silty clay  
**Cooperator:** D. E. Starner

**Painter Eastern Shore Agricultural Research & Extension Center**

**Planted:** April 18, 1995  
**Harvested:** September 13, 1995  
**Pesticide:** 3.5 qt Lariat April 20, 1995  
**Fertilizer:** 500 lb 5-10-10/A April 17, 1995 + 120 lb N sidedressed June 1, 1995  
**Plot Size:** 1 row 25' x 30" 4 replications  
**Soil Series:** Local Collovum over clay  
**Cooperator:** T. Custis

**Smyth County**

**Planted:** May 12, 1995  
**Harvested:** October 18-23, 1995  
**Pesticide:** 2.5 qt Bicep 6L + 1.5 pt Gramoxone + 6.4 oz Asana  
**Fertilizer:** 150 lb N + 50 lb P + 50 lb K preplant  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Cooperator:** W. J. Robinson and J. Waddle

**Augusta County**

**Planted:** May 9, 1995  
**Harvested:** October 3-10, 1995  
**Pesticide:** 1.5 qt Aatrex + 1.25 at Broadstrike + 1.25 qt Princep + 8 lb Force  
**Fertilizer:** 6000 gal dairy manure + 50 lb N + 1.5 lb S  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Cooperator:** David Fiske and Gerald Garber

## 1995 RELATIVE YIELD of hybrids entered in three or more locations.

### VERY EARLY MATURITY

BRAND	HYBRID	HOLLAND	MT HOLLY		PAINTER	BLACKSTONE			BLACKS-			MEAN
			DRY	IRR		LOW	HIGH	ORANGE	SMYTH	BURG	AUGUSTA	
PIONEER	3525	89	106	106	129	-	-	-	-	-	-	108
SOUTHERN STATES	SS576	-	100	106	-	-	-	104	-	97	113	104
AUGUSTA	EXP286	-	95	100	-	-	-	104	-	-	-	100
PIONEER	3573	-	100	89	109	-	-	-	-	-	-	99
BECK'S	5405	90	102	103	-	-	-	102	-	90	-	98
AUGUSTA	A508	-	99	93	-	-	-	97	-	-	-	96

### EARLY MATURITY

BRAND	HYBRID	HOLLAND	MT HOLLY		PAINTER	BLACKSTONE			BLACKS-			MEAN
			DRY	IRR		LOW	HIGH	ORANGE	SMYTH	BURG	AUGUSTA	
DEKALB	DK646	101	99	102	-	-	-	-	-	142	123	114
AUGUSTA	EXP520	-	115	111	-	-	-	111	-	-	-	112
AUGUSTA	EXP552	-	116	112	-	-	-	102	-	-	-	110
BECK'S	5885	104	109	106	-	-	-	101	-	128	-	110
CARGILL	7557	108	107	109	-	-	-	108	-	-	-	108
AUGUSTA	EXP683	-	108	106	-	-	-	109	-	-	-	107
AUGUSTA	A813	-	99	95	125	-	-	-	-	-	-	107
PIONEER	3245	108	119	119	-	96	92	123	87	-	116	107
PIONEER	3223	112	114	116	115	99	102	117	101	-	80	106
TERRA INT'L	TR1087	-	98	90	-	92	82	-	154	114	-	105
AUGUSTA	EXP2112	-	96	110	-	-	-	107	-	-	-	104
PIONEER	3394	107	105	106	106	84	100	-	-	127	94	104
AUGUSTA	A6497	-	101	104	-	-	-	108	-	-	-	104
SOUTHERN STATES	SS742A	-	-	-	78	-	-	85	124	114	120	103
AUGUSTA	A513	-	98	103	122	-	-	87	-	-	-	103
MID-ATLANTIC	MA9140	-	-	-	-	98	88	-	111	110	113	103
SOUTHERN STATES	SS656	-	100	102	-	-	-	103	-	-	-	102
AUGUSTA	A518	-	94	98	-	-	-	-	-	-	112	101
DEKALB	DK642	115	95	103	-	-	-	-	-	85	108	101
DOEBLERS	737XP	-	-	-	-	-	-	97	-	111	93	100
NORTHRUP KING	N7989	-	105	92	-	-	-	100	99	-	100	100
CARGILL	5677	98	98	98	-	-	-	104	-	-	-	100
AUGUSTA	EXP2212	-	110	95	-	-	-	93	-	-	-	99
AUGUSTA	A505DS	-	102	105	-	-	-	91	-	-	-	99
AUGUSTA	A613AA	102	103	93	112	-	-	86	-	-	-	99
AUGUSTA	EXP589	-	96	96	-	-	-	102	-	-	-	98
AUGUSTA	EXP285	-	95	103	-	-	-	93	-	-	-	97
DOEBLERS	69XP	-	-	-	-	-	-	93	-	108	91	97
DYNAGRO	5563	93	100	99	-	-	-	-	-	-	-	97
BECK'S	EX1874	84	102	98	-	-	-	-	-	96	-	96
DOEBLERS	679XP	98	91	98	-	-	-	-	-	-	-	96
SOUTHERN STATES	SS676	-	89	85	-	-	-	96	-	109	97	95
DOEBLERS	636XP	-	95	90	-	-	-	94	-	-	97	94
AUGUSTA	A504	-	92	98	-	-	-	92	-	-	-	94
AUGUSTA	EXP585	-	96	93	-	-	-	93	-	-	-	94
AGRATECH	709	102	-	-	-	86	92	-	-	-	-	94
AUGUSTA	EXP885	-	92	93	-	-	-	94	-	-	-	93
WILSON	E1843	-	90	88	-	-	-	-	-	101	-	93
MID-ATLANTIC	MA9090	-	-	-	-	84	83	-	115	95	78	91
WILSON	E5084	-	81	75	-	-	-	-	-	113	-	90
AUGUSTA	60783	-	96	80	-	-	-	93	-	-	-	89
AUGUSTA	A713	-	103	86	-	-	-	78	-	-	-	89
AUGUSTA	EXPC783	-	83	85	-	-	-	86	-	-	-	85

**MEDIUM MATURITY**

BRAND	HYBRID	HOLLAND	MT HOLLY		BLACKSTONE				BLACKS-			MEAN
			DRY	IRR	PAINTER	LOW	HIGH	ORANGE	SMYTH	BURG	AUGUSTA	
TERRA INT'L	TR1167	-	98	104	-	109	113	-	103	136	-	111
BECK'S	8280	101	103	109	-	-	-	115	99	133	-	110
SOUTHERN STATES	SS883A	-	97	102	-	115	111	120	84	135	112	110
MID-ATLANTIC	MAX9181	-	-	-	-	123	112	-	121	75	113	108
LYNKS	2821	-	106	110	-	-	-	105	-	-	-	107
DEKALB	DK683	104	99	111	-	-	-	109	86	121	106	107
PIONEER	3163	108	99	117	98	120	121	117	97	89	100	106
WILSON	E12015	-	112	108	-	-	-	-	-	94	-	104
HYTEST	X1154	-	93	95	-	101	114	-	-	-	-	101
SOUTHERN STATES	SS827	101	101	105	-	113	111	96	77	-	99	101
CARGILL	8327	105	108	99	-	-	-	95	-	96	-	100
SOUTHERN STATES	SS812	-	106	97	-	-	-	96	-	-	-	100
LYNKS	2815	-	102	94	-	-	-	102	-	-	-	99
DOEBLERS	737XP	-	94	97	-	-	-	-	-	-	105	99
MID-ATLANTIC	MA9170	-	-	-	-	104	102	-	70	114	98	99
MYCOGEN	8240	-	103	98	-	-	-	96	-	-	-	99
PIONEER	X1184M	107	106	111	-	-	-	128	49	69	106	98
BECK'S	EX1682	-	111	105	-	-	-	-	73	-	-	98
SOUTHERN STATES	SS793	88	-	-	90	108	103	-	-	-	-	98
AUGUSTA	A617	-	89	101	-	-	-	106	-	-	-	98
DYNAGRO	X15532	-	94	102	-	-	-	95	-	-	-	97
DYNAGRO	5565	106	-	-	-	-	-	99	-	-	87	97
CARGILL	8527A	97	-	-	-	92	104	-	-	98	-	97
TERRA INT'L	TR1185	-	94	107	-	96	100	-	89	91	-	96
DOEBLERS	82XP	101	106	96	-	-	-	99	-	79	89	95
DEKALB	DK668	99	105	96	-	-	-	-	-	78	90	94
NORTHRUP KING	N8656	91	99	103	-	-	-	98	70	-	76	89
AGRATECH	737	90	-	-	-	94	81	-	-	-	-	88
AUGUSTA	EXP583	-	86	84	-	-	-	83	-	-	-	85

**MID-FULL MATURITY**

BRAND	HYBRID	HOLLAND	MT HOLLY		BLACKSTONE				BLACKS-			MEAN
			DRY	IRR	PAINTER	LOW	HIGH	ORANGE	SMYTH	BURG	AUGUSTA	
SOUTHERN STATES	SS943	107	116	108	-	106	106	114	124	114	112	112
DEKALB	DK743	105	106	107	-	-	-	-	93	113	111	106
NORTHRUP KING	N8811	97	106	108	-	-	-	97	115	-	103	104
PIONEER	3130	-	-	-	-	94	123	120	72	98	110	103
LYNKS	2868	-	110	103	-	-	-	93	-	-	-	102
NORTHRUP KING	N8727	103	107	107	-	-	-	106	72	-	118	102
PIONEER	3165	100	-	-	-	104	95	102	-	-	-	100
PIONEER	3156	-	-	-	-	93	95	109	88	93	103	97
MID-ATLANTIC	MA9200	-	-	-	-	94	102	-	89	83	116	97
TERRA INT'L	TR7079	-	105	102	-	98	90	-	75	98	-	96
MYCOGEN	9220	94	-	-	-	95	90	-	75	-	-	88

\* 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 corn hybrids at Blackstone were planted with four replications each of 18,000 and 22,000 plants/acre.

**TWO YEAR AVERAGE RELATIVE YIELD (1994-1995) of hybrids entered in the same three or more locations.**

<b>Very Early Maturity Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Relative Yield</b>
PIONEER	3525	24	103
BECK'S	5405	32	98

<b>Early Maturity Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Relative Yield</b>
DEKALB	DK646	39	109
PIONEER	3245	63	101
PIONEER	3394	63	95
DOEBLERS	69XP	23	95
NORTHRUP KING	N7989	39	98
AUGUSTA	A513	32	98
AUGUSTA	A613AA	32	97
SOUTHERN STATES	SS742A	39	102

<b>Medium Maturity Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Relative Yield</b>
CARGILL	8327	40	98
CARGILL	8527A	32	98
DEKALB	DK683	55	103
MYCOGEN	8240	24	100
AGRATECH	737	24	97
PIONEER	3163	79	105
DOEBLERS	82XP	47	96
DYNAGRO	5565	23	97
TERRA INT'L	TR1167	48	100
TERRA INT'L	TR1185	48	100
NORTHRUP KING	N8656	47	97
SOUTHERN STATES	SS793	32	95
SOUTHERN STATES	SS812	24	99
SOUTHERN STATES	SS883A	63	107
SOUTHERN STATES	SS827	47	102

<b>Mid-Full Maturity Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Relative Yield</b>
DEKALB	DK743	47	103
MYCOGEN	9220	24	98
PIONEER	3156	47	97
PIONEER	3165	32	101
NORTHRUP KING	N8811	47	102
SOUTHERN STATES	SS943	71	111
NORTHRUP KING	N8727	47	104

**THREE YEAR AVERAGE RELATIVE YIELD (1993-1995) of hybrids entered in the same three or more locations.**

<b>Early Maturity Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Relative Yield</b>
DEKALB	DK646	36	106
PIONEER	3245	72	100
PIONEER	3394	60	98
NORTHRUP KING	N7989	36	96
AUGUSTA	A513	36	100
AUGUSTA	A613AA	36	99
SOUTHERN STATES	SS742A	48	98

<b>Medium Maturity Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Relative Yield</b>
CARGILL	8327	48	94
PIONEER	3163	84	104
DOEBLERS	82XP	48	96
SOUTHERN STATES	SS793	48	100

<b>Mid-Full Maturity Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Relative Yield</b>
DEKALB	DK743	36	104
MYCOGEN	9220	36	99
PIONEER	3156	60	99
PIONEER	3165	48	103
NORTHRUP KING	N8811	48	100
SOUTHERN STATES	SS943	72	108
NORTHRUP KING	N8727	48	103

# 1995 HYBRID CORN TEST

## AUGUSTA, VA 1995

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Gray Leaf Spot (0-5)*</b>
SOUTHERN STATES	SS576	146	16.5	4.4

  

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Gray Leaf Spot (0-5)</b>
DEKALB	DK646	159	19.9	4.6
SOUTHERN STATES	SS742A	156	19.0	4.9
PIONEER	3245	150	18.5	4.6
MID-ATLANTIC	MA9140	148	17.8	4.6
AUGUSTA	A518	146	20.3	4.5
DEKALB	DK642	141	18.0	4.5
NORTHROP KING	N7989	130	20.8	4.7
SOUTHERN STATES	SS676	126	18.0	4.8
DOEBLERS	636XP	126	16.6	4.6
SOUTHERN STATES	SS682	123	17.4	4.6
PIONEER	3394	122	15.8	4.7
DOEBLERS	737XP	121	18.4	4.8
HYTEST	BH4644	120	16.2	4.6
DOEBLERS	69XP	119	18.0	4.6
STINE	9602	106	16.2	4.9
PIONEER	3223	104	18.7	4.7
HYTEST	X1132	101	19.0	4.8
MID-ATLANTIC	MA9090	101	17.4	4.7
Maturity Average		128	18.1	4.7
LSD		31	1.6	0.5

  

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Gray Leaf Spot (0-5)</b>
DOEBLERS	75X2	150	19.9	4.5
SOUTHERN STATES	SS883A	146	18.5	4.6
MID-ATLANTIC	MAX9181	146	18.7	4.8
DOEBLERS	737XP	137	17.9	4.8
DEKALB	DK683	137	20.8	4.2
PIONEER	X1184M	137	20.3	4.3
PIONEER	3163	130	18.1	4.6
SOUTHERN STATES	SS827	129	17.4	4.7
MID-ATLANTIC	MA9170	127	18.8	4.7
DEKALB	DK668	117	18.8	4.5
DOEBLERS	82XP	115	18.9	4.3
DYNAGRO	5565	113	18.6	4.5
STINE	9702	105	16.5	4.8
NORTHROP KING	N8656	98	21.6	4.8
Maturity Average		126	19.0	4.6
LSD		23	1.1	0.6

  

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Gray Leaf Spot (0-5)</b>
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NORTHRUP KING	N8727	153	22.6	4.2
MID-ATLANTIC	MA9200	150	19.5	4.5
SOUTHERN STATES	SS943	146	20.3	4.3
DEKALB	DK743	144	21.8	4.6
PIONEER	3130	143	21.7	4.3
PIONEER	3156	134	19.9	4.2
NORTHRUP KING	N8811	134	22.5	4.3
DOEBLERS	854V2	131	20.4	4.2
DYNAGRO	5670	127	21.1	4.2
DOEBLERS	86XA2	124	20.6	4.3
Maturity Average		139	21.0	4.3
LSD		25	1.4	0.4
Location Average		130	19.0	4.6

\* Gray leaf spot ratings were taken September 6, 1995 by Dr. Erik Stromberg of the Dept. of Plant Pathology, Physiology and Weed Science at Virginia Tech. The disease severity index is 0-5, where 0 = no symptoms, 1 = trace of lesions below the ear but no lesions above the ear, 2 = many lesions below the ear but only a trace of lesions above the ear, 3 = severe lesion development below the ear and some lesions on leaves above the ear, 4 = all leaves show severe lesion development but green tissue is still visible, 5 = all leaves are dead.



**Two Year Averages**  
**AUGUSTA, VA 1994/1995**

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
DEKALB	DK646	175	21.5	17889
PIONEER	3245	163	20.5	16828
SOUTHERN STATES	SS742A	163	21.2	16182
NORTHRUP KING	N7989	161	22.5	18934
SOUTHERN STATES	SS682	159	20.0	20560
HYTEST	BH4644	146	18.1	19515
DOEBLERS	69XP	138	20.5	16379
PIONEER	3394	132	17.6	15289
Maturity Average		155	20.2	17697
LSD (0.05)		19	1.2	2449

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS883A	165	23.6	19399
PIONEER	3163	157	22.2	16185
DEKALB	DK683	156	24.1	17313
DOEBLERS	75X2	152	22.3	14881
NORTHRUP KING	N8656	148	24.2	18644
SOUTHERN STATES	SS827	146	21.6	15682
DYNAGRO	5565	138	21.9	16959
DOEBLERS	82XP	135	22.1	15217
Maturity Average		150	22.7	16785
LSD (0.05)		16	1.4	2319

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
NORTHRUP KING	N8727	178	24.2	18884
SOUTHERN STATES	SS943	171	25.3	19980
PIONEER	3156	154	23.6	15729
NORTHRUP KING	N8811	148	26.1	15362
DOEBLERS	86XA2	141	23.7	17772
DEKALB	DK743	141	24.5	12894
Maturity Average		156	24.6	16770
LSD (0.05)		18	2.0	4065
Location Average		153	22.0	17113

## 1995 HYBRID CORN TEST

### BLACKSTONE, VA 1995 Population - 18,000 plants/acre

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>	<b>Ear Ht in</b>
PIONEER	3223	108	20.9	77	54
MID-ATLANTIC	MA9140	107	18.7	73	44
PIONEER	3245	105	19.6	74	48
TERRA INT'L	TR1087	100	17.0	71	43
AGRATECH	709	94	17.3	73	46
PIONEER	3394	92	16.6	73	47
MID-ATLANTIC	MA9090	91	15.4	71	48
Maturity Average		100	18.0	73	47
LSD		22	2.6	1	3
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>	<b>Ear Ht in</b>
MID-ATLANTIC	MAX9181	134	19.2	75	56
PIONEER	3163	130	18.5	74	51
SOUTHERN STATES	SS883A	126	20.8	74	49
SOUTHERN STATES	SS827	123	20.0	74	51
TERRA INT'L	TR1167	119	19.2	74	52
SOUTHERN STATES	SS793	117	18.9	74	50
MID-ATLANTIC	MA9170	113	19.3	75	53
HYTEST	X1154	110	18.9	75	49
TERRA INT'L	TR1185	105	20.6	75	55
AGRATECH	737	102	15.3	74	51
CARGILL	8527A	100	19.7	75	52
Maturity Average		116	19.1	74	52
LSD		17	1.5	1	3
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>	<b>Ear Ht in</b>
SOUTHERN STATES	SS943	115	20.9	75	51
PIONEER	3165	114	22.7	78	53
TERRA INT'L	TR7079	106	21.0	75	48
MYCOGEN	9220	104	21.0	75	52
PIONEER	3130	103	20.0	77	53
MID-ATLANTIC	MA9200	102	21.3	76	49
PIONEER	3156	101	20.4	75	51
Maturity Average		106	21.0	76	51
LSD		14	1.0	1	2
Location Average		109	19.3	74	50

## Two Year Averages

### BLACKSTONE, VA 1994/1995 Population - 18,000 plants/acre

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3245	116	18.5	76	44
PIONEER	3394	104	16.8	74	43
Maturity Average		111	17.7	75	44
LSD (0.05)		24	1.9	2	1
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3163	138	19.2	75	49
SOUTHERN STATES	SS883A	132	21.4	75	47
TERRA INT'L	TR1185	129	21.1	76	52
AGRATECH	737	128	17.2	74	50
CARGILL	8527A	126	19.4	76	51
SOUTHERN STATES	SS793	124	19.9	74	49
TERRA INT'L	TR1167	123	19.2	76	51
Maturity Average		129	19.6	75	50
LSD (0.05)		16	1.0	1	2
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS943	134	22.1	76	48
PIONEER	3165	124	23.0	79	50
MYCOGEN	9220	123	21.9	77	50
PIONEER	3156	120	20.5	76	50
Maturity Average		125	21.9	77	50
LSD (0.05)		11	1.0	1	2
Location Average		125	19.2	76	49

### Three Year Averages

#### BLACKSTONE, VA 1993/1995 - Population 18,000 plants/acre

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3394	96	15.9	72	41
PIONEER	3245	95	17.1	74	41
Maturity Average		95	16.5	73	41
LSD (0.05)		21	1.1	1	1
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3163	107	18.2	74	44
SOUTHERN STATES	SS793	105	19.0	73	44
Maturity Average		106	18.6	73	44
LSD (0.05)		14	0.6	1	2
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS943	102	20.8	74	43
MYCOGEN	9220	100	21.0	75	46
PIONEER	3165	97	21.6	77	46
PIONEER	3156	97	19.8	74	47
Maturity Average		99	20.8	75	46
LSD (0.05)		10	0.8	1	1
Location Average		100	18.4	74	44

## 1995 HYBRID CORN TEST

### BLACKSTONE, VA 1995 Population - 22,000 plants/acre

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>	<b>Ear Ht in</b>
PIONEER	3223	123	20.7	76	57
PIONEER	3394	121	16.7	72	49
PIONEER	3245	111	19.9	74	49
AGRATECH	709	111	17.2	74	46
MID-ATLANTIC	MA9140	106	19.2	73	44
MID-ATLANTIC	MA9090	100	15.3	71	48
TERRA INT'L	TR1087	99	16.1	71	42
Maturity Average		110	17.9	73	48
LSD		13	0.9	1	3
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>	<b>Ear Ht in</b>
PIONEER	3163	146	19.1	75	54
HYTEST	X1154	138	19.2	76	51
TERRA INT'L	TR1167	137	19.7	75	53
MID-ATLANTIC	MAX9181	135	18.0	75	58
SOUTHERN STATES	SS827	135	19.6	73	54
SOUTHERN STATES	SS883A	135	21.1	75	51
CARGILL	8527A	126	18.9	75	54
SOUTHERN STATES	SS793	124	18.2	74	51
MID-ATLANTIC	MA9170	123	20.7	76	54
TERRA INT'L	TR1185	121	20.8	75	58
AGRATECH	737	98	15.3	73	51
Maturity Average		128	19.2	75	54
LSD		22	1.4	1	2
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>	<b>Ear Ht in</b>
PIONEER	3130	148	18.8	77	57
SOUTHERN STATES	SS943	128	20.8	76	52
MID-ATLANTIC	MA9200	124	21.1	76	52
PIONEER	3156	115	20.6	75	54
PIONEER	3165	115	20.7	78	54
TERRA INT'L	TR7079	109	22.0	76	49
MYCOGEN	9220	108	21.1	76	57
Maturity Average		120	20.8	76	53
LSD		17	2.2	1	3
Location Average		121	19.2	75	52

## Two Year Averages

BLACKSTONE, VA 1994/1995 - Population 22,000 plants/acre

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3245	135	18.9	76	44
PIONEER	3394	119	17.3	74	45
Maturity Average		127	18.1	75	44
LSD (0.05)		16	1.4	1	2
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3163	164	19.7	76	50
SOUTHERN STATES	SS883A	146	21.5	76	49
CARGILL	8527A	142	19.6	77	52
TERRA INT'L	TR1185	142	21.5	76	55
SOUTHERN STATES	SS793	140	19.7	75	50
TERRA INT'L	TR1167	134	20.0	77	52
AGRATECH	737	133	17.2	74	49
Maturity Average		142	19.9	76	51
LSD (0.05)		17	1.0	1	2
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS943	150	22.2	77	49
PIONEER	3165	141	22.1	80	52
PIONEER	3156	135	21.4	76	52
MYCOGEN	9220	132	22.5	77	53
Maturity Average		140	22.0	78	51
LSD (0.05)		12	1.4	1	2
Location Average		139	19.9	76	50

### Three Year Averages

#### BLACKSTONE, VA 1993/1995 Population - 22,000 plants/acre

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3245	101	17.5	75	40
PIONEER	3394	94	16.4	71	42
Maturity Average		98	16.9	73	41
LSD (0.05)		11	0.9	1	1
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS793	113	18.6	73	45
PIONEER	3163	112	18.1	74	45
Maturity Average		112	18.3	73	45
LSD (0.05)		19	0.7	1	1
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS943	115	21.0	75	44
PIONEER	3165	110	21.5	77	48
PIONEER	3156	103	20.3	74	47
MYCOGEN	9220	103	21.5	76	48
Maturity Average		108	21.1	76	47
LSD (0.05)		11	1.0	1	2
Location Average		106	19.0	74	45

## 1995 HYBRID CORN TEST

### HOLLAND, VA 1995

<b>Very Early Maturity*</b> <b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>
BECK'S	5405	152	16.8	73
PIONEER	3525	151	16.9	73
Maturity Average		152	16.8	73
LSD		14	1.2	1

<b>Early Maturity</b> <b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>
DEKALB	DK642	193	16.9	74
PIONEER	3223	189	20.9	77
PIONEER	3245	183	18.7	75
CARGILL	7557	182	19.4	74
PIONEER	3394	181	17.1	72
BECK'S	5885	175	17.5	72
AGRATECH	709	173	17.8	73
AUGUSTA	A613AA	173	18.8	73
DEKALB	DK646	171	16.6	73
HYPERFORMER	HS9502	170	16.0	72
ASGROW	RX789	168	17.3	73
CARGILL	5677	166	15.4	72
DOEBLERS	679XP	166	16.4	73
ASGROW	RX843	166	19.3	71
MYCOGEN	7660	165	18.0	75
ASGROW	RX770	159	16.6	72
DYNAGRO	5563	156	16.9	72
BECK'S	EX1874	141	18.9	73
Maturity Average		171	17.6	73
LSD		16	1.5	1

<b>Medium Maturity</b> <b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>
PIONEER	3163	182	18.2	76
HYPERFORMER	HS9843	181	18.9	75
PIONEER	X1184M	180	17.6	79
CARGILL	8327	178	18.9	75
DYNAGRO	5565	178	18.2	75
HYPERFORMER	HY9899V	176	20.7	76
DEKALB	DK683	175	19.3	76
HYPERFORMER	HS9905	173	20.2	74
BECK'S	8280	171	18.9	73
DOEBLERS	82XP	171	18.2	75
MYCOGEN	8460	171	20.6	77
ASGROW	RX897	170	19.1	75
SOUTHERN STATES	SS827	170	19.2	73
DEKALB	DK668	168	18.4	76



HYPERFORMER	HS9822	168	17.8	75
CARGILL	8527A	163	19.8	76
ASGROW	RX893	158	15.7	73
HYTEST	HT7748	157	18.5	76
BECK'S	7101	156	17.9	73
NORTHRUP KING	N8656	153	20.6	77
AGRATECH	737	152	16.9	73
SOUTHERN STATES	SS793	149	18.3	73

Maturity Average		168	18.8	75
LSD		17	1.0	1

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>
HYPERFORMER	HYX57101	187	20.8	75
SOUTHERN STATES	SS943	181	19.2	75
HYPERFORMER	HYX58104	179	19.6	74
DEKALB	DK743	177	21.1	76
NORTHRUP KING	N8727	174	20.5	75
HYPERFORMER	HY9919	172	18.3	73
PIONEER	3165	168	20.6	78
NORTHRUP KING	N8811	164	20.1	76
MYCOGEN	9220	158	19.7	76
HYPERFORMER	HS9944	157	18.4	78

Maturity Average		172	19.8	76
LSD		13	1.2	1

Location Average		169	18.5	74
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\* Very early hybrids were harvested on 8/31/95; others on 9/12/95.

**Two Year Averages**  
**HOLLAND, VA 1994/1995**

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
BECK'S	5405	138	16.9	22361	73

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
PIONEER	3394	153	16.7	22506	72
AUGUSTA	A613AA	152	18.1	22361	73
PIONEER	3245	149	17.9	22070	75
DEKALB	DK646	143	17.3	22361	73
HYPERFORMER	HS9502	140	16.6	22506	72
ASGROW	RX770	132	17.2	21708	72
Maturity Average		145	17.3	22252	73
LSD (0.05)		14	1.2	932	1

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
PIONEER	3163	153	18.0	22651	76
CARGILL	8327	148	18.3	22724	75
HYPERFORMER	HY9899V	147	21.0	21417	76
HYPERFORMER	HS9843	143	18.3	22216	75
DEKALB	DK683	143	19.5	22361	76
HYPERFORMER	HS9905	142	19.9	22288	74
SOUTHERN STATES	SS827	142	19.2	22143	73
DYNAGRO	5565	141	18.1	22724	75
HYTEST	HT7748	139	18.3	21707	76
NORTHRUP KING	N8656	139	20.0	22071	77
DOEBLERS	82XP	138	18.1	22433	75
CARGILL	8527A	137	19.8	22797	76
AGRATECH	737	133	17.4	22651	73
ASGROW	RX897	131	18.7	22651	75
BECK'S	7101	129	17.8	22361	73
SOUTHERN STATES	SS793	121	18.2	22724	73
Maturity Average		139	18.8	22370	75
LSD (0.05)		14	0.7	782	1

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
SOUTHERN STATES	SS943	153	20.7	23378	75
NORTHRUP KING	N8727	147	20.2	22724	75
NORTHRUP KING	N8811	143	20.3	22070	76
MYCOGEN	9220	141	20.3	21490	76
HYPERFORMER	HY9919	140	19.7	21635	73
PIONEER	3165	139	20.4	22288	78
HYPERFORMER	HS9944	137	19.0	22361	78
DEKALB	DK743	134	20.9	21853	76

Maturity Average	142	20.2	22225	76
LSD (0.05)	13	0.9	955	1
Location Average	141	18.6	22309	75

**Three Year Averages**  
**HOLLAND, VA 1993/1995**

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
AUGUSTA	A613AA	131	17.7	21199	73
PIONEER	3394	129	16.3	21562	73
PIONEER	3245	128	17.3	21018	75
DEKALB	DK646	124	17.6	21054	73
HYPERFORMER	HS9502	119	16.5	21707	73
ASGROW	RX770	107	17.0	20691	75

Maturity Average		123	17.1	21205	74
LSD (0.05)		13	0.9	622	1

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
PIONEER	3163	126	17.7	21344	77
HYPERFORMER	HY9899V	123	20.8	19529	77
HYPERFORMER	HS9905	122	19.0	20727	76
DOEBLERS	82XP	121	17.8	21018	76
HYPERFORMER	HS9843	120	18.0	20873	76
CARGILL	8327	118	18.3	21127	76
NORTHRUP KING	N8656	117	19.2	19965	78
HYTEST	HT7748	113	18.0	21090	77
SOUTHERN STATES	SS793	100	17.6	20909	75

Maturity Average		118	18.5	20731	76
LSD (0.05)		12	0.6	623	1

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
NORTHRUP KING	N8727	127	20.0	21199	79
SOUTHERN STATES	SS943	127	20.1	21853	79
PIONEER	3165	120	20.5	21490	80
HYPERFORMER	HS9944	119	18.7	21526	81
NORTHRUP KING	N8811	118	20.0	20945	79
MYCOGEN	9220	118	20.3	20582	79
HYPERFORMER	HY9919	113	19.3	21707	77
DEKALB	DK743	112	20.8	20982	79

Maturity Average		119	19.9	21285	79
LSD (0.05)		10	0.8	813	1

Location Average		120	18.5	21048	77
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## 1995 HYBRID CORN TEST

### MT HOLLY, VA 1995 Non-irrigated

Very Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Plants/A
PIONEER	3525	162	16.7	24742
BECK'S	5405	156	18.0	24220
SOUTHERN STATES	SS576	152	16.2	23871
AUGUSTA	A508	152	16.1	24045
PIONEER	3573	152	17.6	24133
AUGUSTA	EXP286	146	15.8	22913

Maturity Average		153	16.7	23987
LSD		21	0.8	1562

Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Plants/A
PIONEER	3245	181	19.5	24917
AUGUSTA	EXP552	177	19.9	23871
AUGUSTA	EXP520	176	19.0	24220
PIONEER	3223	174	19.6	24742
AUGUSTA	EXP2212	168	20.0	23348
AUGUSTA	EXP683	166	20.3	24307
BECK'S	5885	166	17.5	24829
CARGILL	7557	164	20.3	23784
PIONEER	3394	160	17.0	23610
NORTHROP KING	N7989	160	19.6	24045
AUGUSTA	A613AA	158	19.8	24481
AUGUSTA	A713	157	19.6	23871
AUGUSTA	A505DS	156	19.5	23813
BECK'S	EX1874	156	19.5	23087
AUGUSTA	A6497	155	18.6	24045
SOUTHERN STATES	SS656	154	16.9	24916
DYNAGRO	5563	153	18.8	24307
AUGUSTA	A813	152	19.1	22739
AUGUSTA	EXP2151	152	20.4	22826
CARGILL	5677	151	16.6	22303
DEKALB	DK646	151	18.4	22913
AUGUSTA	A513	150	18.8	23784
TERRA INT'L	TR1087	149	17.4	23436
AUGUSTA	EXP2112	147	20.1	22651
AUGUSTA	EXP589	146	19.3	24830
AUGUSTA	EXP585	146	19.3	23958
AUGUSTA	60783	146	20.3	22564
DOEBLERS	636XP	146	17.3	23087
DEKALB	DK642	145	17.3	23784
AUGUSTA	EXP285	145	18.6	23261
AUGUSTA	A518	143	21.7	23523
AUGUSTA	EXP885	141	16.4	24655
AUGUSTA	A504	140	19.0	23871
DOEBLERS	679XP	140	16.8	24307
WILSON	E1843	137	20.4	23813
SOUTHERN STATES	SS676	136	17.6	24394
AUGUSTA	EXPC783	127	18.5	22651
WILSON	E5084	124	18.8	23000

Maturity Average	153	18.9	23750
LSD	18	0.8	1719

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
WILSON	E12015	172	21.6	25527
BECK'S	EX1682	169	18.6	23348
CARGILL	8327	165	19.3	25004
DOEBLERS	82XP	162	19.8	24133
PIONEER	X1184M	162	18.6	25265
LYNKS	2821	162	19.2	24220
SOUTHERN STATES	SS812	162	19.2	24220
DEKALB	DK668	161	19.5	24481
BECK'S	8280	158	21.1	24481
MYCOGEN	8240	157	20.0	23348
LYNKS	2815	156	19.0	23348
SOUTHERN STATES	SS827	154	20.6	24220
NORTHRUP KING	N8656	152	21.2	24045
PIONEER	3163	151	19.0	23958
DEKALB	DK683	151	19.6	24046
TERRA INT'L	TR1167	149	19.6	24394
SOUTHERN STATES	SS883A	148	21.3	23435
DYNAGRO	X15532	143	20.7	23261
HYTEST	X1154	143	19.6	22303
TERRA INT'L	TR1185	143	21.1	23610
DOEBLERS	737XP	143	18.0	23348
AUGUSTA	A617	135	20.8	24045
AUGUSTA	EXP283	134	20.9	24133
AUGUSTA	EXP583	132	21.2	23958

Maturity Average	151	20.0	23885
LSD	22	0.6	1854

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS943	177	20.7	22738
LYNKS	2868	168	20.2	25352
NORTHRUP KING	N8727	164	22.1	24917
NORTHRUP KING	N8811	162	21.6	24481
DEKALB	DK743	162	21.9	25004
TERRA INT'L	TR7079	161	21.4	24045

Maturity Average	166	21.3	24423
LSD	22	0.8	1257

Location Average	153	19.3	23869
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**Two Year Averages**  
**MT HOLLY, VA 1994/1995 - Non-irrigated**

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
BECK'S	5405	154	17.2	23305
PIONEER	3525	153	16.6	23958
AUGUSTA	A508	152	16.1	24045
Maturity Average		153	16.7	23714
LSD (0.05)		12	0.9	1760

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
PIONEER	3245	169	18.9	23436
DEKALB	DK646	160	18.0	22651
AUGUSTA	A713	157	19.9	22390
AUGUSTA	A518	153	22.2	22782
NORTHROP KING	N7989	153	18.1	23000
AUGUSTA	A505DS	151	18.8	22751
AUGUSTA	A613AA	150	19.2	23000
AUGUSTA	A513	150	18.4	22259
PIONEER	3394	149	16.6	23218
AUGUSTA	A6497	149	17.9	23305
DYNAGRO	5563	146	17.8	22913
AUGUSTA	A504	144	18.6	23653
AUGUSTA	A813	142	18.7	22129
AUGUSTA	A508	122	15.5	23349
Maturity Average		151	18.6	22902
LSD (0.05)		13	0.8	1226

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
DEKALB	DK683	165	19.4	23174
SOUTHERN STATES	SS883A	164	20.9	23000
TERRA INT'L	TR1185	163	21.1	23131
SOUTHERN STATES	SS827	160	20.6	22913
MYCOGEN	8240	159	19.5	22956
SOUTHERN STATES	SS812	158	18.4	23697
DOEBLERS	82XP	157	18.9	23218
NORTHROP KING	N8656	156	20.8	23261
PIONEER	3163	156	19.1	23174
CARGILL	8327	155	18.6	23784
TERRA INT'L	TR1167	150	18.9	23436
DOEBLERS	737XP	137	17.3	23043
AUGUSTA	A617	136	18.8	23348
Maturity Average		155	19.4	23241
LSD (0.05)		14	0.8	949

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS943	180	21.3	22738
DEKALB	DK743	166	21.4	23000
NORTHRUP KING	N8811	163	21.3	23435
NORTHRUP KING	N8727	160	21.7	23740
Maturity Average		167	21.4	23228
LSD (0.05)		18	0.6	772
Location Average		155	19.0	23138



## 1995 HYBRID CORN TEST

### MT HOLLY, VA 1995 Irrigated

Very Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Plants/A
PIONEER	3525	201	18.8	27791
SOUTHERN STATES	SS576	201	18.5	28053
BECK'S	5405	196	20.6	29185
AUGUSTA	EXP286	190	19.1	27181
AUGUSTA	A508	177	18.1	26484
PIONEER	3573	169	18.3	27791

Maturity Average		189	18.9	27748
LSD		13	1.0	1202

Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Plants/A
PIONEER	3245	225	21.2	28227
PIONEER	3223	219	21.1	27617
AUGUSTA	EXP520	212	20.9	28140
AUGUSTA	EXP552	212	21.6	28053
AUGUSTA	EXP2112	209	22.0	27704
CARGILL	7557	206	21.0	27443
AUGUSTA	EXP2151	205	22.1	25701
BECK'S	5885	202	20.5	27966
PIONEER	3394	201	20.1	27443
AUGUSTA	EXP683	200	21.3	27268
AUGUSTA	A505DS	200	21.2	27356
AUGUSTA	A6497	198	20.2	28488
AUGUSTA	A513	195	21.4	27355
DEKALB	DK642	195	20.2	27182
AUGUSTA	EXP285	195	20.9	28140
DEKALB	DK646	194	20.5	27094
SOUTHERN STATES	SS656	193	18.8	27356
DYNAGRO	5563	188	20.8	27878
BECK'S	EX1874	186	21.6	27181
DOEBLERS	679XP	186	19.9	28227
CARGILL	5677	186	17.9	27704
AUGUSTA	A504	186	20.7	26920
AUGUSTA	A518	186	22.8	27617
AUGUSTA	EXP589	182	20.8	28052
AUGUSTA	A813	181	20.9	26484
AUGUSTA	EXP2212	180	20.5	26833
AUGUSTA	EXP585	177	21.1	26746
AUGUSTA	EXP885	177	19.1	26659
AUGUSTA	A613AA	176	20.6	27007
NORTHROP KING	N7989	175	21.3	28314
TERRA INT'L	TR1087	171	19.6	27443
DOEBLERS	636XP	171	19.6	27269
WILSON	E1843	166	21.8	27792
AUGUSTA	A713	163	20.8	27878
SOUTHERN STATES	SS676	162	19.4	27356
AUGUSTA	EXPC783	161	20.4	25875
AUGUSTA	60783	152	21.1	26920
WILSON	E5084	142	20.4	27704

Maturity Average		187	20.7	27431
LSD		22	0.7	1462

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
PIONEER	3163	223	22.4	28488
DEKALB	DK683	210	20.7	27791
PIONEER	X1184M	210	21.3	27443
LYNKS	2821	209	21.1	27356
BECK'S	8280	206	21.8	27530
WILSON	E12015	204	22.6	28575
TERRA INT'L	TR1185	203	22.8	27094
SOUTHERN STATES	SS827	200	22.1	28314
BECK'S	EX1682	199	21.1	27268
TERRA INT'L	TR1167	197	21.3	28053
NORTHROP KING	N8656	195	23.1	27530
SOUTHERN STATES	SS883A	194	22.1	27966
DYNAGRO	X15532	194	22.5	26397
AUGUSTA	A617	191	21.3	27094
CARGILL	8327	187	21.0	29011
MYCOGEN	8240	186	21.6	26833
SOUTHERN STATES	SS812	184	21.3	28663
DOEBLERS	737XP	184	21.2	28140
DOEBLERS	82XP	182	21.5	26920
DEKALB	DK668	181	21.4	28314
HYTEST	X1154	180	21.6	27443
LYNKS	2815	178	20.9	27443
AUGUSTA	EXP283	169	21.7	27530
AUGUSTA	EXP583	160	22.0	28053

Maturity Average		191	21.7	27568
LSD		19	0.7	1697

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
NORTHROP KING	N8811	206	22.8	26833
SOUTHERN STATES	SS943	205	22.5	27094
DEKALB	DK743	202	22.6	27443
NORTHROP KING	N8727	202	22.9	27443
LYNKS	2868	196	21.3	28227
TERRA INT'L	TR7079	194	22.5	26920

Maturity Average		201	22.4	27327
LSD		20	0.6	1502

Location Average		190	21.0	27494
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**Two Year Averages**  
**MT HOLLY, VA 1994/1995 - Irrigated**

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
BECK'S	5405	182	19.2	27399
PIONEER	3525	181	17.7	27530
AUGUSTA	A508	177	18.1	26484
Maturity Average		181	18.4	27268
LSD (0.05)		11	0.9	916

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
PIONEER	3245	195	20.0	25090
DEKALB	DK646	190	19.7	26615
AUGUSTA	A505DS	189	19.7	27269
AUGUSTA	A6497	186	19.0	26877
AUGUSTA	A518	183	22.6	26267
AUGUSTA	A504	181	19.6	25918
PIONEER	3394	181	18.7	26615
AUGUSTA	A513	180	20.0	25962
AUGUSTA	A813	176	19.7	26136
AUGUSTA	A613AA	171	20.0	26136
DYNAGRO	5563	169	19.4	27051
NORTHRUP KING	N7989	166	19.7	26180
AUGUSTA	A713	164	20.0	25831
AUGUSTA	A508	148	15.6	22651
Maturity Average		178	19.7	26168
LSD (0.05)		15	0.7	2129

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
PIONEER	3163	210	21.0	27661
TERRA INT'L	TR1185	201	22.1	27269
DEKALB	DK683	197	20.6	25570
SOUTHERN STATES	SS827	193	21.5	27268
SOUTHERN STATES	SS883A	187	21.8	27457
MYCOGEN	8240	186	20.5	25918
NORTHRUP KING	N8656	185	22.0	25483
TERRA INT'L	TR1167	181	20.3	25962
SOUTHERN STATES	SS812	177	20.3	27661
CARGILL	8327	175	19.7	25715
AUGUSTA	A617	173	19.1	25395
DOEBLERS	82XP	172	20.3	26571
DOEBLERS	737XP	167	19.2	26092
Maturity Average		185	20.7	26463
LSD (0.05)		14	0.8	1847

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS943	204	22.8	26397
DEKALB	DK743	197	21.8	25454
NORTHRUP KING	N8727	196	22.6	27007
NORTHRUP KING	N8811	195	22.6	26252
Maturity Average		198	22.4	26277
LSD (0.05)		14	1.0	1398
Location Average		184	20.2	26381

**Three Year Averages**  
**MT HOLLY, VA 1993/1995 - Irrigated**

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3245	204	20.9	26107	75	49
DEKALB	DK646	201	20.7	26949	73	49
PIONEER	3525	192	19.1	27414	72	52
AUGUSTA	A513	186	21.2	26252	72	51
PIONEER	3394	185	19.3	27094	72	50
AUGUSTA	A613AA	184	21.2	26833	73	50
NORTHRUP KING	N7989	180	20.0	26833	74	53
Maturity Average		190	20.4	26783	73	51
LSD (0.05)		13	0.8	1558	1	4
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3163	215	22.4	27762	74	53
MYCOGEN	8240	190	21.2	26572	74	53
CARGILL	8327	187	20.4	26581	74	53
AUGUSTA	A617	186	20.1	26136	73	45
DOEBLERS	82XP	181	21.0	26717	75	54
SOUTHERN STATES	SS812	180	21.2	27966	74	54
Maturity Average		190	21.1	26956	74	52
LSD (0.05)		8	0.8	1095	1	4
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
DEKALB	DK743	206	22.9	26146	74	54
NORTHRUP KING	N8727	205	23.3	27443	75	46
NORTHRUP KING	N8811	199	23.7	26417	75	50
Maturity Average		203	23.3	26668	74	50
LSD (0.05)		12	0.7	820	1	5
Location Average		193	21.0	26826	74	51

# 1995 HYBRID CORN TEST

## ORANGE, VA 1995\*

Very Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Days To Silk	Ear Ht in
AUGUSTA	EXP286	216	19.0	73	56
SOUTHERN STATES	SS576	216	19.3	73	57
BECK'S	5405	213	22.3	73	52
AUGUSTA	A508	201	19.3	73	55
Maturity Average		211	19.9	73	55
LSD		22	0.9	1	3

Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Days To Silk	Ear Ht in
PIONEER	3245	256	22.0	73	55
PIONEER	3223	243	22.3	76	62
AUGUSTA	EXP520	231	23.1	76	64
AUGUSTA	EXP683	226	23.9	72	53
AUGUSTA	A6497	226	21.3	72	55
CARGILL	7557	225	21.0	72	57
HYTEST	X1132	224	20.9	72	56
AUGUSTA	EXP2112	222	24.3	72	55
ASGROW	RX843	219	25.4	72	47
CARGILL	5677	217	19.7	72	54
ASGROW	RX789	216	20.4	72	55
SOUTHERN STATES	SS656	215	20.6	72	57
AUGUSTA	EXP589	213	22.9	73	55
AUGUSTA	EXP552	212	23.9	77	63
BECK'S	5885	210	20.3	71	53
NORTHROP KING	N7989	208	22.5	76	58
DOEBLERS	737XP	202	21.1	71	56
HYTEST	BH4776	199	21.8	72	57
SOUTHERN STATES	SS676	198	19.6	73	54
AUGUSTA	EXP885	195	19.1	70	50
DOEBLERS	636XP	195	19.9	69	52
AUGUSTA	EXP585	194	22.7	72	50
AUGUSTA	EXP285	193	19.8	72	51
AUGUSTA	EXP2212	193	23.1	72	57
AUGUSTA	60783	192	20.9	73	60
DOEBLERS	69XP	192	19.9	73	52
AUGUSTA	A504	190	21.1	72	54
AUGUSTA	A505DS	190	23.5	74	58
ASGROW	RX770	186	18.9	70	50
MYCOGEN	7660	185	20.5	74	55
AUGUSTA	A513	181	22.2	72	53
AUGUSTA	EXPC783	179	19.8	72	56
AUGUSTA	A613AA	179	22.1	72	55
SOUTHERN STATES	SS742A	177	21.4	76	53
AUGUSTA	A713	162	22.3	75	54
Maturity Average		204	21.5	73	55
LSD		23	2.3	1	4



**Two Year Averages**  
**ORANGE, VA 1994/1995**

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3245	203	19.6	22797	75	41
NORTHRUP KING	N7989	174	20.2	22579	79	46
MYCOGEN	7660	173	18.2	23232	78	45
HYTEST	BH4776	172	18.6	23160	74	46
SOUTHERN STATES	SS742A	170	18.8	23087	79	43
DOEBLERS	69XP	169	18.2	23232	76	41
AUGUSTA	A613AA	166	19.2	23014	75	44
AUGUSTA	A513	164	19.1	22869	74	43
ASGROW	RX770	163	17.3	23160	73	39
Maturity Average		173	18.8	23014	76	43
LSD (0.05)		12	1.3	688	1	2
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS883A	206	23.9	23232	78	42
PIONEER	3163	205	21.5	23232	79	43
CARGILL	9027	195	21.3	23232	78	44
DOEBLERS	82XP	187	19.5	23160	79	46
DEKALB	DK683	185	20.2	23039	78	45
SOUTHERN STATES	SS827	183	21.5	23232	77	43
SOUTHERN STATES	SS812	183	20.1	23232	79	45
DYNAGRO	5565	183	19.8	23232	79	46
NORTHRUP KING	N8656	178	21.0	23087	80	44
CARGILL	8327	178	20.0	23232	79	46
ASGROW	RX897	177	20.2	23087	79	48
MYCOGEN	8240	175	19.8	23160	78	47
BECK'S	7101	168	19.2	23232	75	42
Maturity Average		185	20.6	23184	78	45
LSD (0.05)		11	1.0	177	1	2
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS943	204	24.2	23160	78	45
NORTHRUP KING	N8727	195	21.9	23087	78	41
PIONEER	3165	189	23.2	22942	81	48
PIONEER	3156	185	21.3	22869	76	47
LYNKS	2868	178	19.6	23232	78	47
NORTHRUP KING	N8811	177	22.1	23232	78	43
Maturity Average		188	22.0	23087	78	45
LSD (0.05)		13	1.0	372	1	2
Location Average		182	20.3	23108	77	44



**Three Year Averages**  
**ORANGE, VA 1993/1995**

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3245	178	18.4	22942	73	40
SOUTHERN STATES	SS742A	156	17.5	23135	76	42
DOEBLERS	69XP	155	17.0	23232	73	40
NORTHRUP KING	N7989	154	18.5	22796	77	44
AUGUSTA	A613AA	152	17.9	23087	73	42
AUGUSTA	A513	149	17.7	22990	72	42
ASGROW	RX770	145	16.5	23184	72	39
Maturity Average		155	17.7	23052	74	41
LSD (0.05)		10	1.0	490	1	2
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
PIONEER	3163	170	19.8	23232	76	42
CARGILL	9027	166	19.9	23232	75	43
DOEBLERS	82XP	161	18.1	23184	77	45
SOUTHERN STATES	SS812	160	18.7	23232	76	44
NORTHRUP KING	N8656	156	19.5	23135	78	43
MYCOGEN	8240	153	18.6	23184	76	46
CARGILL	8327	151	18.7	23232	77	45
ASGROW	RX897	144	19.5	23813	74	49
Maturity Average		158	19.1	23257	76	44
LSD (0.05)		11	0.7	120	1	2
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS943	181	22.4	23184	75	43
PIONEER	3165	176	22.0	23039	79	47
NORTHRUP KING	N8727	173	20.7	23135	75	40
PIONEER	3156	171	19.9	22990	74	47
LYNKS	2868	163	18.2	23232	76	45
NORTHRUP KING	N8811	158	20.5	23087	75	41
ASGROW	RX897	157	17.1	21780	82	37
Maturity Average		170	20.4	23041	76	43
LSD (0.05)		11	0.9	362	1	2
Location Average		161	19.0	23124	75	43

## 1995 HYBRID CORN TEST

### PAINTER, VA 1995

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>
PIONEER	3525	77	13.9	74
PIONEER	3573	65	13.8	74
Maturity Average		71	13.8	74
LSD		18	0.6	2

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>
AUGUSTA	A813	75	15.6	78
AUGUSTA	A513	73	15.1	77
PIONEER	3223	69	16.8	80
AUGUSTA	A613AA	67	15.6	78
PIONEER	3394	63	14.5	77
PIONEER	3335	54	14.6	79
SOUTHERN STATES	SS742A	46	15.6	81
Maturity Average		64	15.4	78
LSD		13	0.7	1

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Days To Silk</b>
PIONEER	3163	59	14.5	79
HYTEST	HT7748	54	15.8	80
SOUTHERN STATES	SS793	54	15.8	79
Maturity Average		49	15.8	79
LSD		13	0.6	1
Location Average		60	15.3	78

**Two Year Averages  
PAINTER, VA 1994/1995**

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
PIONEER	3525	77	14.6	24699	76
<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
AUGUSTA	A513	76	16.0	22390	80
PIONEER	3394	70	15.0	24089	78
SOUTHERN STATES	SS742A	63	16.1	26093	84
Maturity Average		70	15.7	24190	81
LSD (0.05)		15	0.4	1439	1
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
HYTEST	HT7748	72	16.2	23697	83
SOUTHERN STATES	SS793	66	16.3	23697	81
PIONEER	3163	63	16.4	26441	82
Maturity Average		67	16.3	24611	82
LSD (0.05)		11	0.5	1890	3
Location Average		70	15.8	24443	81

**Three Year Averages**  
**PAINTER, VA 1993/1995**

<b>Early Maturity</b>					
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
AUGUSTA	A513	79	15.9	21606	77
SOUTHERN STATES	SS742A	62	15.8	23377	82
Maturity Average		71	15.8	22492	79
LSD (0.05)		10	0.4	1659	1
<b>Medium Maturity</b>					
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>
SOUTHERN STATES	SS793	72	16.1	22419	78
HYTEST	HT7748	66	16.1	21954	81
Maturity Average		69	16.1	22187	79
LSD (0.05)		6	0.2	2417	2
Location Average		70	16.0	22339	79

## 1995 HYBRID CORN TEST

### BLACKSBURG, VA 1995

Very Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Lodging %
SOUTHERN STATES	SS576	100	20.1	5
BECK'S	5405	93	22.0	0
Maturity Average		97	21.0	3
LSD		NS	1.6	9

Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Lodging %
DEKALB	DK646	146	21.7	5
BECK'S	5885	132	22.4	5
PIONEER	3394	131	21.2	3
SOUTHERN STATES	SS742A	118	22.9	3
TERRA INT'L	TR1087	117	20.8	4
WILSON	E5084	116	21.6	2
DOEBLERS	737XP	114	21.7	9
MID-ATLANTIC	MA9140	113	21.8	7
SOUTHERN STATES	SS676	112	20.9	8
DOEBLERS	69XP	111	22.3	3
WILSON	E1843	104	23.2	5
BECK'S	EX1874	98	22.0	1
MID-ATLANTIC	MA9090	97	20.7	12
DEKALB	DK642	88	22.2	10
CAVERNDALE FARMS	CF790	73	22.7	6
Maturity Average		111	21.9	5
LSD		34	1.0	6

Medium Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	Lodging %
TERRA INT'L	TR1167	140	22.3	6
SOUTHERN STATES	SS883A	139	23.7	5
BECK'S	8280	137	22.1	33
BECK'S	68	132	22.5	1
DEKALB	DK683	124	24.6	7
MID-ATLANTIC	MA9170	117	22.6	2
WILSON	E4305	112	21.9	15
STINE	9801	110	21.4	5
CARGILL	8527A	100	23.2	13
CARGILL	8327	99	22.8	1
WILSON	E12015	96	24.4	3
TERRA INT'L	TR1185	93	24.4	8
STINE	1151	93	21.7	18
PIONEER	3163	92	23.1	48
DOEBLERS	777XP	91	22.3	13
DOEBLERS	82XP	81	23.4	3
DEKALB	DK668	81	23.5	3

CAVERNDALE FARMS	CF840	78	23.4	8
MID-ATLANTIC	MAX9181	77	23.8	11
PIONEER	X1184M	71	24.0	18

Maturity Average		100	23.0	11
LSD		42	1.3	10

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>Lodging</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>%</b>

SOUTHERN STATES	SS943	118	25.2	6
DEKALB	DK743	116	25.2	8
DOEBLERS	87XP	101	24.3	3
TERRA INT'L	TR7079	101	24.9	9
PIONEER	3130	101	23.7	50
PIONEER	3156	96	23.5	15
HYTEST	BH4924	92	24.2	4
MID-ATLANTIC	MA9200	86	24.9	4
CAVERNDALE FARMS	CF922	78	23.9	8

Maturity Average		99	24.4	12
LSD		30	1.5	18

Location Average		103	22.8	9
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**Two Year Averages  
BLACKSBURG, VA 1994/1995**

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
BECK'S	5405	145	20.9	25613	61	40
<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
DEKALB	DK646	184	22.0	25221	62	39
SOUTHERN STATES	SS742A	158	23.6	25831	66	41
PIONEER	3394	156	20.0	26005	62	40
DOEBLERS	69XP	154	21.5	25352	62	41
CAVERNDALE FARMS	CF790	126	22.0	25265	64	38
Maturity Average		155	21.8	25535	63	40
LSD (0.05)		25	1.0	1045	2	5
<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS883A	173	24.8	25744	64	44
BECK'S	68	166	22.8	26180	62	39
TERRA INT'L	TR1167	161	22.5	25875	64	47
DEKALB	DK683	155	24.0	25744	66	42
DOEBLERS	777XP	154	21.9	25178	62	43
PIONEER	3163	149	23.6	25744	65	43
CAVERNDALE FARMS	CF840	147	23.5	25004	65	45
CARGILL	8327	139	23.9	25962	66	44
CARGILL	8527A	139	23.7	26702	67	43
DOEBLERS	82XP	138	23.3	26092	64	49
TERRA INT'L	TR1185	124	24.6	25657	68	46
Maturity Average		149	23.5	25807	65	44
LSD (0.05)		26	1.3	757	2	6
<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
DEKALB	DK743	176	25.6	26441	64	54
SOUTHERN STATES	SS943	173	26.8	25570	63	50
HYTEST	BH4924	152	25.4	23305	62	46
PIONEER	3156	144	24.5	24873	63	50
CAVERNDALE FARMS	CF922	130	23.7	25265	65	55
Maturity Average		155	25.2	25091	63	51
LSD (0.05)		17	1.1	1132	1	4
Location Average		152	23.4	25574	64	44

**Three Year Averages**  
**BLACKSBURG, VA 1993/1995**

<b>Early Maturity</b>						
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
DEKALB	DK646	167	22.9	24394	69	38
SOUTHERN STATES	SS742A	152	25.3	24510	72	38
PIONEER	3394	152	20.3	25294	68	39
DOEBLERS	69XP	145	22.6	24248	70	39
CAVERNDALE FARMS	CF790	132	23.1	23581	70	39
Maturity Average		150	22.8	24405	70	39
LSD (0.05)		20	0.9	1209	1	4
<b>Medium Maturity</b>						
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
SOUTHERN STATES	SS883A	163	26.4	24016	70	42
BECK'S	68	155	23.5	24887	69	38
PIONEER	3163	139	25.6	24278	72	39
DOEBLERS	82XP	135	24.4	24887	71	46
CARGILL	8327	133	24.9	24800	72	43
Maturity Average		145	24.9	24574	71	41
LSD (0.05)		22	1.1	692	2	4
<b>Mid-Full Maturity</b>						
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>	<b>DaysTo Silk</b>	<b>EarHt In</b>
DEKALB	DK743	169	27.2	24945	70	51
SOUTHERN STATES	SS943	166	27.8	24394	70	46
PIONEER	3156	149	26.1	23697	70	48
Maturity Average		161	27.0	24345	70	48
LSD (0.05)		15	1.0	764	1	3
Location Average		151	24.6	24456	70	42



## 1995 HYBRID CORN TEST

### SMYTH, VA 1995\*

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Lodging %</b>
TERRA INT'L	TR1087	77	18.2	14
SOUTHERN STATES	SS742A	64	20.7	16
MID-ATLANTIC	MA9140	61	20.4	14
PIONEER	3223	60	20.8	31
MID-ATLANTIC	MA9090	56	17.0	20
NORTHRUP KING	N7989	46	20.3	12
PIONEER	3245	41	18.8	7

Maturity Average		57	19.4	16
LSD		28	1.1	23

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Lodging %</b>
MID-ATLANTIC	MAX9181	55	21.0	20
TERRA INT'L	TR1167	49	21.0	27
BECK'S	8280	48	21.3	19
PIONEER	3163	47	20.3	45
BECK'S	EX1354	42	21.9	3
TERRA INT'L	TR1185	41	22.3	10
MYCOGEN	8460	41	20.8	47
DEKALB	DK683	39	20.9	22
SOUTHERN STATES	SS883A	38	20.8	14
BECK'S	EX1682	37	21.5	14
SOUTHERN STATES	SS827	35	20.8	18
MID-ATLANTIC	MA9170	32	21.2	19
NORTHRUP KING	N8656	32	22.0	33
PIONEER	X1184M	25	21.7	35

Maturity Average		41	21.2	23
LSD		24	0.8	14

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Lodging %</b>
SOUTHERN STATES	SS943	68	21.0	13
NORTHRUP KING	N8811	66	22.6	19
HYTEST	BH4924	65	20.1	14
DEKALB	DK743	50	22.5	21
PIONEER	3156	46	20.0	24
MID-ATLANTIC	MA9200	41	22.4	4
TERRA INT'L	TR7079	41	24.6	29
MYCOGEN	9220	36	22.6	17
NORTHRUP KING	N8727	35	21.8	3
PIONEER	3130	32	21.6	52

Maturity Average		48	21.9	20
LSD		27	1.6	28

Location Average		46	21.0	20
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\* Final population at Smyth was 26,855 plants/acre.

**Two Year Averages**  
**SMYTH, VA 1994/1995**

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS742A	105	22.1	24394
NORTHRUP KING	N7989	90	22.8	22593
PIONEER	3245	74	20.8	23813
Maturity Average		89	21.9	23600
LSD (0.05)		20	1.3	1783

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS827	97	23.0	24858
TERRA INT'L	TR1167	92	21.4	24684
SOUTHERN STATES	SS883A	92	23.6	24103
PIONEER	3163	89	22.7	25323
BECK'S	EX1354	89	22.1	23755
DEKALB	DK683	88	23.3	23697
TERRA INT'L	TR1185	87	23.8	23813
NORTHRUP KING	N8656	79	24.5	24858
Maturity Average		89	23.0	24386
LSD (0.05)		17	1.1	987

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
HYTEST	BH4924	106	24.4	23348
SOUTHERN STATES	SS943	97	25.7	23581
NORTHRUP KING	N8811	95	25.6	23464
DEKALB	DK743	89	25.6	23232
PIONEER	3156	82	22.6	23174
NORTHRUP KING	N8727	79	24.1	25207
Maturity Average		91	24.7	23668
LSD (0.05)		12	1.2	1361
Location Average		90	20.8	23994

**Three Year Averages  
SMYTH, VA 1993/1995**

<b>Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS742A	103	23.2	22547
NORTHRUP KING	N7989	94	23.4	20874
PIONEER	3245	82	22.1	21954
Maturity Average		93	22.9	21792
LSD (0.05)		13	0.9	1686

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS883A	101	24.9	21710
PIONEER	3163	98	23.3	22338
Maturity Average		99	24.1	22024
LSD (0.05)		17	1.1	1504

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Plants/A</b>
SOUTHERN STATES	SS943	105	26.6	21536
NORTHRUP KING	N8811	96	26.1	21850
PIONEER	3156	90	24.0	21222
NORTHRUP KING	N8727	87	25.1	23034
Maturity Average		94	25.5	21911
LSD (0.05)		12	1.0	1239
Location Average		95	22.3	21896

