

## Companies Participating in the 1996 Corn Performance Trials

Company	Brand	Address
AG-CHEM INC. - UAP SEEDS	DYNA GRO	PO BOX 2178 SALISBURY MD 21802-2178
ASGROW SEED CO.	ASGROW	2605 EAST KILGORE KALAMAZOO MI 49002
AUGUSTA SEED CORPORATION	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
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
NORTHROP KING CO.	NORTHROP 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
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 1996

Coordinated by H. Behl, E. R. Bender and D. E. Brann  
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 R.R. Wilmouth; D.E. Starner; W. Robinson; J. Waddle; J. Wooge; T. Stanley; G. Garber;

Performance trials of commercial corn hybrids were conducted at seven locations in Virginia in 1996. 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 were harvested with a Massey Ferguson 8-XP plot combine. Orange was hand harvested and shelled to obtain grain weights. Yields have been adjusted to 15.5% moisture.

The location at Smyth County was damaged by drought at silking and a severe storm before corn was mature. Yields were too variable and low to be meaningful in hybrid selection.

### 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 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 hybrid yield potential compared to other hybrids.

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

**1996 PLOT INFORMATION**  
(Rates are on a per acre basis.)

**Blacksburg Whitethorne Farm**

**Planted:** May 20, 1996  
**Harvested:** October 24, 1996  
**Pesticide:** 4.5 lb Partner® + 1.7 lb atrazine + 1.1 lb Princep®

preplant incorporated  
**Fertilizer:** 50-70-70 preplant incorporated  
150 lb N sidedressed June 21, 1996  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Series:** Hayter  
**Cooperator:** J. Wooge

**Fertilizer:** 100 lb N preplant incorporated + 95 lb N sidedressed May 31, 1996  
**Irrigation:** 1" July 8, 1996  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Soil Series:** State fine sandy loam  
**Cooperator:** Bruce Beahm

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

**Planted:** April 23, 1996  
**Harvested:** September 24, 1996  
**Pesticide:** 2 qt Bladex 4L + 1 qt Dual 8E/A April 24, 1996  
**Fertilizer:** one ton lime + 1000 lb 10-10-10/A preplant incorporated April 15, 1996 + 235 lb ammonium nitrate broadcasted June 11, 1996  
**Irrigation:** 1" July 8, 1996  
**Plot Size:** 1 row 25' x 30" 4 replications for each population (18,000 and 22,000 plants/acre)  
**Soil Series:** Chesterfield-Mayodan-Bourne complex  
**Cooperators:** W. B. Wilkinson and R. R. Wilmouth

**Holland Tidewater Agricultural Research & Extension Center**

**Planted:** April 17, 1996  
**Harvested:** September 18, 1996  
**Pesticide:** 2 pt Dual II® + 1 qt atrazine April 20, 1996  
**Fertilizer:** 500 lb 5-10-30 March 22, 1996 + 100 units N April 20, 1996 + 75 units N May 30, 1996  
**Plot Size:** 2 rows 25' x 36" 4 replications  
**Soil Series:** Nansemond fine sandy loam  
**Cooperator:** Bobby Ashburn and Gene Whitley

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

**Planted:** April 18, 1996  
**Harvested:** September 25, 1996  
**Pesticide:** 1.8 qt Bicep 6L® + 0.5 pt Aatrex® + 1.5 pt Gramoxone® April 12, 1996  
**Fertilizer:** 100 lb N preplant incorporated + 30 lb N sidedressed May 31, 1996  
**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 18, 1996  
**Harvested:** September 25, 1996  
**Pesticide:** 1.8 qt Bicep 6L + 0.5 pt Aatrex April 12, 1996

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

**Planted:** May 15-20, 1996  
**Harvested:** October 22-23, 1996  
**Pesticide:** 3 qt Bicep® May 15, 1996  
**Fertilizer:** 2.5 ton lime March 21, 1996  
100-100-30 April 25, 1996 + 125 lb N sidedressed June 24  
**Plot Size:** 1 row 30' x 30" 4 replications  
**Soil Series:** Davidson silty clay  
**Cooperator:** D. E. Starner

**Smyth County**

**Planted:** May 13, 1996  
**Harvested:** Drought at the critical silking-tasseling stage and a severe storm before the corn was mature caused

tremendous lodging. Yields were low and too variable to be meaningful.

**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 14, 1996  
**Harvested:** November 6, 1996  
**Pesticide:** 1.5 qt Aatrex® + 1.75 qt Prowl® + 1.25 qt Princep + 2.5 qt Top Notch®  
**Fertilizer:** 6000 gal dairy manure  
**Plot Size:** 2 rows 25' x 30" 4 replications  
**Cooperator:** Tom Stanley and Gerald Garber

## 1996 RELATIVE\*YIELD of hybrids entered in three or more locations.

### VERY EARLY MATURITY

BRAND	HYBRID	HOLLAND	MT HOLLY		BLACKSTONE		BLACKS-			MEAN
			DRY	IRR	LOW	HIGH	ORANGE	BURG	AUGUSTA	
AUGUSTA	A285	-	105	103	-	-	-	-	109	106
AUGUSTA	A359	-	96	104	-	-	-	109	-	103
SOUTHERN STATES	SS576	-	105	95	-	-	95	-	110	101
PIONEER	3525	93	98	102	-	-	101	-	-	99
AUGUSTA	A885	89	-	-	-	-	-	102	102	97
DOEBLERS	636XY	-	98	95	-	-	99	-	-	97
AUGUSTA	A2718	87	93	97	-	-	-	-	-	92
AUGUSTA	A2780	90	81	95	-	-	-	-	-	89
AUGUSTA	A2785	89	91	88	-	-	-	-	-	89
HYTEST	BH4531	-	75	89	-	-	-	99	89	88
AUGUSTA	A286	-	85	82	-	-	80	-	-	82

### EARLY MATURITY

BRAND	HYBRID	HOLLAND	MT HOLLY		BLACKSTONE		BLACKS-			MEAN
			DRY	IRR	LOW	HIGH	ORANGE	BURG	AUGUSTA	
MID-ATLANTIC	MAX9141	-	-	-	-	-	103	134	107	115
AUGUSTA	A552	-	102	109	-	-	121	121	101	111
PIONEER	3245	111	122	111	96	97	116	-	106	109
DEKALB	DK642	110	103	107	-	-	105	116	110	108
AUGUSTA	A385	-	109	106	-	-	-	-	110	108
PIONEER	3260	114	113	110	104	105	106	114	101	108
PIONEER	3223	108	104	106	107	102	116	-	-	107
AUGUSTA	A520	-	94	113	-	-	120	107	97	106
PIONEER	3310	-	118	98	98	97	108	105	108	105
NORTHRUP KING	X7445	99	111	95	-	-	-	114	108	105
SOUTHERN STATES	SS726	-	108	107	-	-	103	98	-	104
PIONEER	3394	101	113	103	93	103	-	103	-	103
SOUTHERN STATES	SS676	-	109	95	-	-	-	93	110	102
BECK'S	5405	104	99	99	-	-	105	-	-	102
DOEBLERS	716XY	102	107	103	-	-	93	104	95	101
DEKALB	DK626	102	91	103	-	-	100	115	91	100
ASGROW	RX790	-	99	97	-	-	101	-	-	99
SOUTHERN STATES	SS747	-	99	107	-	-	98	92	-	99
AUGUSTA	A3510	106	94	97	-	-	-	-	-	99
TERRA	E1106	-	101	105	98	86	-	105	-	98
ASGROW	RX770	-	100	98	-	-	97	-	-	98
LYNKS	2725	-	109	93	-	-	93	-	-	98
BECK'S	5885	-	100	102	-	-	-	92	-	98
SOUTHERN STATES	SS656	-	103	96	-	-	94	-	95	97
SOUTHERN STATES	SS742A	-	99	98	-	-	-	88	102	97
NORTHRUP KING	N7989	-	-	-	-	-	103	79	105	96
AUGUSTA	A2185	103	82	106	-	-	-	-	-	96
AUGUSTA	A613aa	95	96	92	94	103	-	-	-	96
MID-ATLANTIC	MA9140	-	-	-	90	92	92	108	97	96
MYCOGEN	7250cb	98	112	96	-	-	83	-	-	96
NORTHRUP KING	N7931	95	101	101	-	-	90	94	89	95
AUGUSTA	A2112	-	89	97	-	-	99	-	-	95
SOUTHERN STATES	SS EXP15726	-	103	96	-	-	93	85	-	95
DOEBLERS	737XP	96	93	99	-	-	91	99	89	94
NORTHRUP KING	N6800	92	93	91	-	-	101	85	100	94
ASGROW	RX771	-	88	94	-	-	98	-	-	94
MID-ATLANTIC	MAX9142	-	-	-	92	90	95	81	108	93
AUGUSTA	A518	92	90	93	-	-	88	-	-	91
HYTEST	BH4612	-	90	98	-	-	-	78	97	90
AUGUSTA	A3512	96	79	92	-	-	-	-	-	89

**MEDIUM MATURITY**

BRAND	HYBRID	HOLLAND	MT HOLLY		BLACKSTONE		BLACKS-			MEAN
			DRY	IRR	LOW	HIGH	ORANGE	BURG	AUGUSTA	
PIONEER	3163	112	131	112	114	114	104	111	107	113
MYCOGEN	ng7559	103	109	114	119	110	111	-	-	111
PIONEER	3153	107	119	109	108	103	112	113	110	110
MID-ATLANTIC	MAX9171	-	-	-	99	113	111	115	105	109
BECK'S	8280	111	111	105	-	-	100	106	-	107
LYNKS	EX116	-	125	103	-	-	99	-	-	107
SOUTHERN STATES	SS827	-	-	-	108	106	101	-	-	105
HYTEST	BH4891	-	115	108	-	-	-	90	104	104
TERRA	TR1167	-	87	101	111	112	-	104	-	103
DOEBLERS	746XY	-	94	99	-	-	106	111	100	102
ASGROW	RX843	-	114	97	-	-	95	-	-	102
LYNKS	2815	-	98	98	-	-	106	-	-	101
LYNKS	2821	-	94	106	-	-	103	-	-	101
TERRA	TR1185	-	106	100	105	106	-	84	-	101
BECK'S	6205	101	83	106	-	-	108	100	-	100
TERRA	TR1157	-	93	105	96	106	-	99	-	100
DOEBLERS	82XP	100	105	104	-	-	98	94	-	100
DEKALB	DK668	99	100	98	-	-	106	-	-	100
DEKALB	DK683	109	-	-	-	-	99	86	102	100
DEKALB	DK687	-	-	-	-	-	103	98	98	99
DYNAGRO	5456	101	95	100	-	-	98	-	100	99
WILSON	2335	103	95	99	-	-	-	-	-	99
SOUTHERN STATES	SS883A	-	-	-	98	104	97	101	95	99
NORTHRUP KING	N8656	93	-	-	-	-	106	95	94	97
MID-ATLANTIC	MA9181	-	-	-	99	86	104	100	95	97
CARGILL	7557	90	106	98	-	-	93	-	-	97
DOEBLERS	75X2	-	-	-	-	-	100	93	94	96
ASGROW	RX897	-	90	101	-	-	97	-	-	96
NORTHRUP KING	X8655	97	-	-	-	-	-	91	96	94
SOUTHERN STATES	SS897	-	-	-	89	102	89	88	95	92
HYTEST	BH4901	-	88	98	-	-	-	69	106	89
WILSON	E5379	85	93	91	-	-	-	-	-	89

**MID-FULL MATURITY**

BRAND	HYBRID	HOLLAND	MT HOLLY		BLACKSTONE		BLACKS-			MEAN
			DRY	IRR	LOW	HIGH	ORANGE	BURG	AUGUSTA	
NORTHRUP KING	N8811	102	-	-	-	-	100	122	101	106
PIONEER	3082	99	-	-	110	108	110	-	-	106
CARGILL	8327	-	97	93	-	-	98	116	-	102
PIONEER	3156	-	-	-	92	100	101	105	108	101
MID-ATLANTIC	MA9200	-	-	-	96	95	87	128	97	100
DEKALB	DK714	-	-	-	-	-	98	100	99	99
SOUTHERN STATES	SS943	112	-	-	98	87	98	108	93	99
PIONEER	3165	92	-	-	98	89	106	-	-	96
CARGILL	8328	102	103	101	88	85	102	95	-	96
TERRA	TR702E	-	97	97	101	109	-	69	-	94

\*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 (1995-1996) of hybrids entered in the same three or more locations.**

<b>Very Early Maturity</b>			<b>Relative</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Yield</b>
SOUTHERN STATES	SS576	32	103
PIONEER	3525	24	99
DOEBLERS	636XY	24	95
AUGUSTA	A286	24	91

<b>Early Maturity</b>			<b>Relative</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Yield</b>
AUGUSTA	A520	24	111
AUGUSTA	A552	24	110
PIONEER	3245	56	110
PIONEER	3223	48	108
BECK'S	5885	24	106
DEKALB	DK642	40	105
PIONEER	3394	48	104
BECK'S	5405	32	101
MID-ATLANTIC	MA9140	32	100
AUGUSTA	A2112	24	100
SOUTHERN STATES	SS656	24	100
SOUTHERN STATES	SS676	32	98
AUGUSTA	A613aa	24	97
DOEBLERS	737XP	40	96

<b>Medium Maturity</b>			<b>Relative</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Yield</b>
PIONEER	3163	64	111
SOUTHERN STATES	SS883A	40	109
BECK'S	8280	40	109
TERRA	TR1167	40	107
SOUTHERN STATES	SS827	24	106
DEKALB	DK683	32	105
LYNKS	2821	24	104
CARGILL	7557	32	103
MID-ATLANTIC	MA9181	32	100
LYNKS	2815	24	100
TERRA	TR1185	40	99
DEKALB	DK668	24	99
DOEBLERS	82XP	40	98
NORTHRUP KING	N8656	24	93

<b>Mid-Full Maturity</b>			<b>Relative</b>
<b>Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Yield</b>
SOUTHERN STATES	SS943	48	104
CARGILL	8327	32	101
MID-ATLANTIC	MA9200	32	101
PIONEER	3156	40	100
NORTHRUP KING	N8811	24	100
PIONEER	3165	32	98

**THREE YEAR AVERAGE RELATIVE YIELD (1994-1996) of hybrids entered in the same three or more locations.**

<b>Early Maturity</b>			<b>Relative</b>
<b>Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Yield</b>
PIONEER	3245	83	108
BECK'S	5405	36	103
PIONEER	3394	72	101
AUGUSTA	A613aa	36	101
DOEBLERS	737XP	48	96

<b>Medium Maturity</b>			<b>Relative</b>
<b>Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Yield</b>
PIONEER	3163	95	112
SOUTHERN STATES	SS883A	59	109
DEKALB	DK683	47	104
TERRA	TR1167	60	104
TERRA	TR1185	60	104
NORTHRUP KING	N8656	35	100
DOEBLERS	82XP	60	100

<b>Mid-Full Maturity</b>			<b>Relative</b>
<b>Brand\Company</b>	<b>Hybrid</b>	<b># Observations</b>	<b>Yield</b>
SOUTHERN STATES	SS943	71	109
NORTHRUP KING	N8811	35	102
PIONEER	3165	48	101
PIONEER	3156	59	101
CARGILL	8327	48	101

## BLACKSTONE, VA 1996 - 18,000 plants/acre

<b>Early Maturity</b>				
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>
PIONEER	3223	162	22.5	80
PIONEER	3260	157	25.7	80
PIONEER	3310	147	23.8	77
TERRA	E1106	147	21.2	78
PIONEER	3245	146	26.6	78
PIONEER	3394	141	20.9	77
AUGUSTA	A613aa	141	24.5	80
MID-ATLANTIC	MAX9142	140	23.5	79
MID-ATLANTIC	MA9140	136	22.0	79
Maturity Average		146	23.4	79
LSD		25	2.4	2
<b>Medium Maturity</b>				
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>
MYCOGEN	ng7559	180	20.6	78
PIONEER	3163	172	24.2	80
TERRA	TR1167	168	22.4	79
PIONEER	3153	163	26.2	79
SOUTHERN STATES	SS827	163	24.5	77
TERRA	TR1185	158	26.0	81
MYCOGEN	8460	150	27.4	81
MID-ATLANTIC	MAX9171	149	25.2	80
MID-ATLANTIC	MA9181	149	24.1	81
SOUTHERN STATES	SS883A	148	31.4	79
TERRA	TR1157	145	23.1	81
SOUTHERN STATES	SS897	134	29.7	81
Maturity Average		156	25.0	79
LSD		24	2.1	2
<b>Mid-Full Maturity</b>				
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>
PIONEER	3082	166	33.5	82
TERRA	TR702E	152	28.4	82
SOUTHERN STATES	SS943	149	32.4	80
PIONEER	3165	148	29.4	81
MID-ATLANTIC	MA9200	144	29.5	80
PIONEER	3156	139	25.8	80
CARGILL	8328	132	25.3	82
Maturity Average		147	29.2	81
LSD		26	3.2	2
Location Average		151	25.5	79



## Two Year Averages

### BLACKSTONE, VA 1995/1996 - 18,000 plants/acre

Early Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3223	135	21.7	78
MID-ATLANTIC	MA9140	123	20.6	76
PIONEER	3245	122	23.1	76
PIONEER	3394	120	19.1	75
Maturity Average		125	21.2	76
LSD (0.05)		19	1.7	1

Medium Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3163	151	21.4	77
TERRA	TR1167	144	20.8	77
MID-ATLANTIC	MA9181	141	21.6	78
SOUTHERN STATES	SS827	140	22.3	75
SOUTHERN STATES	SS883A	137	26.1	76
TERRA	TR1185	131	23.3	78
Maturity Average		141	22.6	77
LSD (0.05)		16	1.2	1

Mid-Full Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
SOUTHERN STATES	SS943	134	27.5	78
PIONEER	3165	133	26.5	79
MID-ATLANTIC	MA9200	123	25.4	78
PIONEER	3156	120	23.5	77
Maturity Average		127	25.7	78
LSD (0.05)		17	2.1	1
Location Average		133	23.0	77

## Three Year Averages

### BLACKSTONE, VA 1994/1996 - 18,000 plants/acre

Early Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3245	124	21.2	77
PIONEER	3394	118	18.3	75
Maturity Average		121	19.8	76
LSD (0.05)		21	1.6	1

<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>
PIONEER	3163	150	20.9	77
TERRA	TR1185	139	22.7	77
TERRA	TR1167	138	20.3	77
SOUTHERN STATES	SS883A	137	24.8	76
Maturity Average		141	22.2	77
LSD (0.05)		13	0.8	1
<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>
SOUTHERN STATES	SS943	139	25.9	77
PIONEER	3165	132	25.3	80
PIONEER	3156	126	22.4	77
Maturity Average		132	24.5	78
LSD (0.05)		12	1.3	1
Location Average		134	22.4	77

## BLACKSTONE, VA 1996 - 22,000 plants/acre

<b>Early Maturity</b>				
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>
PIONEER	3260	171	26.1	79
PIONEER	3394	167	20.1	76
AUGUSTA	A613aa	166	23.9	79
PIONEER	3223	166	23.9	81
PIONEER	3245	158	26.5	79
PIONEER	3310	157	24.1	77
MID-ATLANTIC	MA9140	149	21.8	79
MID-ATLANTIC	MAX9142	145	23.3	79
TERRA	E1106	140	22.8	80
Maturity Average		158	23.6	79
LSD		25	1.7	2
<b>Medium Maturity</b>				
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>
PIONEER	3163	184	24.3	79
MID-ATLANTIC	MAX9171	184	25.1	79
TERRA	TR1167	182	22.2	79
MYCOGEN	ng7559	179	21.3	77
SOUTHERN STATES	SS827	172	25.9	78
TERRA	TR1157	172	22.8	80
TERRA	TR1185	172	29.2	80
SOUTHERN STATES	SS883A	168	29.2	79
PIONEER	3153	166	25.7	80
SOUTHERN STATES	SS897	165	27.4	80
MYCOGEN	8460	144	27.5	82
MID-ATLANTIC	MA9181	140	25.9	83
Maturity Average		168	25.1	79
LSD		30	2.6	2
<b>Mid-Full Maturity</b>				
<b>Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>DaysTo Silk</b>
TERRA	TR702E	176	26.3	82
PIONEER	3082	175	31.7	82
PIONEER	3156	161	25.5	81
MID-ATLANTIC	MA9200	153	32.9	79
PIONEER	3165	143	29.4	82
SOUTHERN STATES	SS943	141	33.0	81
CARGILL	8328	138	27.4	80
Maturity Average		155	29.6	81
LSD		27	3.2	2
Location Average		162	25.7	79

## Two Year Averages

### BLACKSTONE, VA 1995/1996 - 22,000 plants/acre

Early Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3223	144	22.3	79
PIONEER	3394	144	18.4	74
PIONEER	3245	134	23.2	77
MID-ATLANTIC	MA9140	127	20.4	76
Maturity Average		138	21.1	76
LSD (0.05)		15	0.9	1

Medium Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3163	172	22.6	77
TERRA	TR1167	159	21.0	77
SOUTHERN STATES	SS827	153	22.8	75
SOUTHERN STATES	SS883A	152	25.1	77
TERRA	TR1185	146	25.0	78
MID-ATLANTIC	MA9181	137	21.9	79
Maturity Average		152	23.1	77
LSD (0.05)		20	1.5	1

Mid-Full Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3156	138	23.0	78
MID-ATLANTIC	MA9200	138	27.0	77
SOUTHERN STATES	SS943	134	26.9	78
PIONEER	3165	129	25.0	80
Maturity Average		135	25.5	78
LSD (0.05)		16	2.1	1
Location Average		143	23.2	77

## Three Year Averages

### BLACKSTONE, VA 1994/1996 - 22,000 plants/acre

Early Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3245	142	21.5	77
PIONEER	3394	135	18.2	74
Maturity Average		139	19.8	76
LSD (0.05)		19	1.2	1

Medium Maturity		Yield	Moist	DaysTo
Brand/Company	Hybrid	bu/A	%	Silk
PIONEER	3163	172	21.6	77
SOUTHERN STATES	SS883A	153	24.1	77
TERRA	TR1185	152	24.1	78
TERRA	TR1167	150	20.7	77
Maturity Average		156	22.7	77

LSD (0.05)		15	1.2	1
<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>
SOUTHERN STATES	SS943	147	25.8	78
PIONEER	3156	144	22.7	78
PIONEER	3165	142	24.5	80
Maturity Average		144	24.4	79
LSD (0.05)		12	1.5	1
Location Average		148	22.6	77

## HOLLAND, VA 1996

<b>Very Early Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>
PIONEER	3525	179	18.7	73
AUGUSTA	A2780	173	18.8	76
AUGUSTA	A2785	172	20.1	74
AUGUSTA	A885	170	19.5	74
AUGUSTA	A2718	166	19.2	77
Maturity Average		172	19.2	75
LSD		19	0.4	2

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>
PIONEER	3260	218	25.8	75
DEKALB	DK642	212	21.4	73
PIONEER	3245	212	24.3	74
PIONEER	3223	208	21.6	76
AUGUSTA	A3510	203	22.4	77
HYPERFORMER	HY9646	201	22.0	77
BECK'S	5405	199	20.6	72
AUGUSTA	A2185	198	24.9	72
DOEBLERS	716XY	196	21.5	72
DEKALB	DK626	196	19.8	73
PIONEER	3394	194	20.2	74
NORTHRUP KING	X7445	190	22.0	74
HYPERFORMER	HS9502	189	20.5	75
HYPERFORMER	AP619	189	22.0	73
MYCOGEN	7250cb	188	23.4	72
DOEBLERS	737XP	185	22.3	73
AUGUSTA	A3512	183	21.6	76
AUGUSTA	A613aa	183	23.1	75
NORTHRUP KING	N7931	182	25.6	74
AUGUSTA	A518	177	29.5	75
NORTHRUP KING	N6800	176	24.4	72
CARGILL	6303	166	19.4	72
Maturity Average		193	22.6	74
LSD		14	1.4	2

<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>
PIONEER	3163	214	22.3	76
BECK'S	8280	213	24.8	76
DEKALB	DK683	209	22.4	77
HYPERFORMER	AP9707	209	22.5	77
PIONEER	3153	205	23.6	75
HYPERFORMER	HS9843	205	22.4	75
HYPERFORMER	HY9899V	204	27.4	77
MYCOGEN	ng7559	198	22.4	75
WILSON	2335	197	26.3	78
BECK'S	6205	194	20.9	74
DYNAGRO	5456	193	20.4	73
DOEBLERS	82XP	191	23.0	77
DEKALB	DK668	189	23.1	77

NORTHRUP KING	X8655	186	29.2	77
NORTHRUP KING	N8656	179	28.9	79
CARGILL	7557	174	23.2	75
WILSON	E5379	163	24.2	75

Maturity Average		195	23.5	76
LSD		13	2.0	3

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>
SOUTHERN STATES	SS943	214	27.1	76
HYPERFORMER	HY9919V	206	25.7	77
CARGILL	8328	195	24.9	75
NORTHRUP KING	N8811	195	27.8	76
DYNAGRO	5566	191	25.4	79
PIONEER	3082	190	31.0	79
HYPERFORMER	HS9977	188	28.5	79
PIONEER	3165	177	26.1	81
Maturity Average		193	26.3	77
LSD		17	2.3	3
Location Average		192	23.2	31

**Two Year Averages**  
**HOLLAND, VA 1995/1996**

<b>Very Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3525	165	17.8
<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
DEKALB	DK642	203	19.2
PIONEER	3223	202	21.4
PIONEER	3245	198	21.5
PIONEER	3394	188	18.6
HYPERFORMER	HS9502	179	18.2
AUGUSTA	A613aa	178	20.9
BECK'S	5405	176	18.7
Maturity Average		188	19.7
LSD (0.05)		13	0.8
<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3163	198	20.2
HYPERFORMER	HS9843	193	20.7
DEKALB	DK683	192	20.8
BECK'S	8280	192	21.8
HYPERFORMER	HY9899V	190	24.1
DOEBLERS	82XP	181	20.6
DEKALB	DK668	179	20.7
CARGILL	7557	178	21.3
NORTHRUP KING	N8656	166	24.7
Maturity Average		186	21.7
LSD (0.05)		13	1.2
<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
SOUTHERN STATES	SS943	195	23.1
HYPERFORMER	HY9919V	192	22.6
NORTHRUP KING	N8811	179	24.0
PIONEER	3165	173	23.3
Maturity Average		185	23.3
LSD (0.05)		13	1.3
Location Average		185	21.2



**Three Year Averages**  
**HOLLAND, VA 1994/1996**

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3245	170	20.1
PIONEER	3394	167	17.9
AUGUSTA	A613aa	162	19.8
BECK'S	5405	158	18.1
HYPERFORMER	HS9502	156	17.9
Maturity Average		163	18.8
LSD (0.05)		13	0.8
<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3163	173	19.4
HYPERFORMER	HY9899V	166	23.2
DEKALB	DK683	165	20.4
HYPERFORMER	HS9843	164	19.7
DOEBLERS	82XP	156	19.8
NORTHRUP KING	N8656	152	23.0
Maturity Average		163	20.9
LSD (0.05)		10	0.9
<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
SOUTHERN STATES	SS943	170	22.8
NORTHRUP KING	N8811	160	22.8
PIONEER	3165	152	22.3
Maturity Average		160	22.7
LSD (0.05)		11	1.1
Location Average		162	20.5

## MT HOLLY, VA 1996 - Non-irrigated

Very Early Maturity		Yield	Moist
Brand/Company	Hybrid	bu/A	%
SOUTHERN STATES	SS576	169	17.4
AUGUSTA	A285	169	19.1
PIONEER	3525	158	17.3
DOEBLERS	636XY	157	18.3
AUGUSTA	A359	155	18.2
AUGUSTA	A2718	150	18.2
DEKALB	DK546	147	17.4
AUGUSTA	A2785	146	18.2
AUGUSTA	A286	137	17.0
AUGUSTA	A2780	131	16.9
HYTEST	BH4531	120	17.1
Maturity Average		149	17.7
LSD		20	0.8

Early Maturity		Yield	Moist
Brand/Company	Hybrid	bu/A	%
PIONEER	3245	196	20.6
PIONEER	3310	189	20.2
PIONEER	3394	182	18.4
PIONEER	3260	181	21.7
MYCOGEN	7250cb	180	19.6
NORTHROP KING	X7445	178	20.6
SOUTHERN STATES	SS676	176	18.4
LYNKS	2725	175	19.9
AUGUSTA	A385	175	20.4
SOUTHERN STATES	SS726	173	20.5
DOEBLERS	716XY	172	19.7
PIONEER	3223	167	20.4
SOUTHERN STATES	SS EXP15726	165	22.2
AUGUSTA	A552	165	21.5
SOUTHERN STATES	SS656	165	18.7
DEKALB	DK642	165	18.8
NORTHROP KING	N7931	163	24.3
TERRA	E1106	162	20.0
BECK'S	5885	161	18.5
ASGROW	RX770	160	19.7
BECK'S	5405	159	19.2
ASGROW	RX790	159	20.7
SOUTHERN STATES	SS747	159	20.9
SOUTHERN STATES	SS742A	158	21.0
AUGUSTA	A613aa	154	20.3
AUGUSTA	A520	151	19.9
NORTHROP KING	N6800	150	20.2
AUGUSTA	A3510	150	20.1
DOEBLERS	737XP	149	18.5
DEKALB	DK626	146	18.4
HYTEST	BH4612	144	20.7
AUGUSTA	A518	144	25.6
AUGUSTA	A2112	143	21.4
ASGROW	RX771	143	20.5
AUGUSTA	A2185	132	22.6
AUGUSTA	A3512	127	21.6

Maturity Average	162	20.4
LSD	28	1.0

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>
PIONEER	3163	211	20.5
LYNKS	EX116	201	21.9
PIONEER	3153	191	22.3
HYTEST	BH4891	185	22.3
ASGROW	RX843	183	21.3
BECK'S	8280	179	22.4
MYCOGEN	ng7559	175	20.2
TERRA	TR1185	171	23.6
CARGILL	7557	170	21.0
DOEBLERS	82XP	169	20.4
DEKALB	DK668	160	20.2
LYNKS	2815	158	20.3
WILSON	2335	154	22.7
DYNAGRO	5456	153	19.3
CARGILL	6997	153	18.6
LYNKS	2821	151	20.7
DOEBLERS	746XY	151	19.6
TERRA	TR1157	150	20.1
WILSON	E5379	149	21.6
CARGILL	7770	147	21.1
ASGROW	RX897	145	20.5
HYTEST	BH4901	142	23.1
TERRA	TR1167	139	20.6
DYNAGRO	15043	135	20.3
BECK'S	6205	133	19.5

Maturity Average	164	20.8
LSD	31	1.1

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>
CARGILL	8328	166	21.9
CARGILL	8327	156	20.1
TERRA	TR702E	156	22.6

Maturity Average	166	20.3
LSD	18	1.0

Location Average	161	20.1
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**Two Year Averages**  
**MT HOLLY, VA 1995/1996 - Non-irrigated**

<b>Very Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
SOUTHERN STATES	SS576	161	16.8
PIONEER	3525	160	17.0
AUGUSTA	A285	157	18.8
DOEBLERS	636XY	151	17.8
AUGUSTA	A286	141	16.4
Maturity Average		154	17.4
LSD (0.05)		14	0.5

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3245	189	20.1
AUGUSTA	A552	171	20.7
PIONEER	3394	171	17.7
PIONEER	3223	171	20.0
AUGUSTA	A520	163	19.5
BECK'S	5885	163	18.0
SOUTHERN STATES	SS656	160	17.8
BECK'S	5405	157	18.5
SOUTHERN STATES	SS676	156	18.0
AUGUSTA	A613aa	156	20.1
DEKALB	DK642	155	18.0
DOEBLERS	737XP	146	18.3
AUGUSTA	A2112	145	20.8
AUGUSTA	A518	144	23.7
Maturity Average		161	19.4
LSD (0.05)		19	0.7

<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3163	181	19.8
BECK'S	8280	168	21.8
CARGILL	7557	167	20.6
DOEBLERS	82XP	165	20.1
DEKALB	DK668	160	19.9
LYNKS	2821	157	19.9
TERRA	TR1185	157	22.4
LYNKS	2815	157	19.6
TERRA	TR1167	144	20.1
Maturity Average		162	20.5
LSD (0.05)		18	0.6

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
CARGILL	8327	161	19.7
Location Average		160	19.4

### **Three Year Averages MT HOLLY, VA 1994/1996**

<b>Very Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3525	155	16.8

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3245	178	19.5
PIONEER	3394	160	17.2
BECK'S	5405	156	17.8
AUGUSTA	A613aa	151	19.6
AUGUSTA	A518	150	23.3
DOEBLERS	737XP	141	17.7
Maturity Average		156	19.2
LSD (0.05)		19	0.6

<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3163	174	19.6
TERRA	TR1185	165	21.9
DOEBLERS	82XP	161	19.4
TERRA	TR1167	146	19.4
Maturity Average		162	20.1
LSD (0.05)		13	0.6

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
CARGILL	8327	156	19.1
Location Average		158	19.3

## MT HOLLY, VA 1996 - Irrigated

Very Early Maturity		Yield	Moist
Brand/Company	Hybrid	bu/A	%
AUGUSTA	A359	239	19.0
AUGUSTA	A285	237	21.0
PIONEER	3525	235	18.8
AUGUSTA	A2718	224	18.9
AUGUSTA	A2780	219	18.7
SOUTHERN STATES	SS576	219	18.2
DOEBLERS	636XY	218	20.0
HYTEST	BH4531	204	18.5
AUGUSTA	A2785	203	19.3
DEKALB	DK546	190	18.1
AUGUSTA	A286	188	19.1
Maturity Average		216	19.1
LSD		14	0.8

Early Maturity		Yield	Moist
Brand/Company	Hybrid	bu/A	%
AUGUSTA	A520	260	21.4
PIONEER	3245	256	21.9
PIONEER	3260	254	23.1
AUGUSTA	A552	250	23.6
DEKALB	DK642	247	20.8
SOUTHERN STATES	SS726	247	21.4
SOUTHERN STATES	SS747	247	22.7
AUGUSTA	A2185	245	22.9
AUGUSTA	A385	244	21.3
PIONEER	3223	244	21.2
TERRA	E1106	242	22.0
DOEBLERS	716XY	239	20.9
DEKALB	DK626	238	19.8
PIONEER	3394	237	20.7
BECK'S	5885	236	20.3
NORTHRUP KING	N7931	233	25.1
BECK'S	5405	229	21.1
DOEBLERS	737XP	229	20.5
ASGROW	RX770	227	20.8
HYTEST	BH4612	226	22.3
PIONEER	3310	225	22.0
ASGROW	RX790	225	21.9
SOUTHERN STATES	SS742A	225	22.6
AUGUSTA	A2112	224	22.7
AUGUSTA	A3510	223	21.3
MYCOGEN	7250cb	222	21.4
SOUTHERN STATES	SS656	222	20.3
SOUTHERN STATES	SS EXP15726	221	22.9
SOUTHERN STATES	SS676	219	19.6
NORTHRUP KING	X7445	219	21.9
ASGROW	RX771	218	21.2
AUGUSTA	A518	215	26.6
LYNKS	2725	214	21.5
AUGUSTA	A613aa	213	21.4
AUGUSTA	A3512	212	20.6
NORTHRUP KING	N6800	209	21.9

Maturity Average	232	21.7
LSD	19	1.1

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>
MYCOGEN	ng7559	262	21.0
PIONEER	3163	257	21.8
PIONEER	3153	252	22.9
HYTEST	BH4891	248	23.3
BECK'S	6205	245	21.2
LYNKS	2821	244	20.8
TERRA	TR1157	243	21.0
BECK'S	8280	243	23.5
LYNKS	EX116	239	24.1
DOEBLERS	82XP	239	21.4
ASGROW	RX897	234	21.3
DYNAGRO	15043	234	21.9
TERRA	TR1167	233	21.7
DYNAGRO	5456	231	21.1
CARGILL	7770	230	21.6
TERRA	TR1185	230	26.0
DOEBLERS	746XY	229	21.0
WILSON	2335	228	24.1
LYNKS	2815	227	22.0
DEKALB	DK668	226	21.1
CARGILL	7557	226	23.0
HYTEST	BH4901	226	23.3
ASGROW	RX843	222	23.0
CARGILL	6997	217	20.2
WILSON	E5379	209	21.3

Maturity Average	235	22.0
LSD	15	0.9

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>
CARGILL	8328	234	22.4
TERRA	TR702E	224	22.4
CARGILL	8327	214	20.9

Maturity Average	229	21.0
LSD	26	1.2

Location Average	231	21.4
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## Two Year Averages MT HOLLY, VA 1995/1996 - Irrigated

<b>Very Early Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>
PIONEER	3525	221	18.8
AUGUSTA	A285	216	21.0
SOUTHERN STATES	SS576	208	18.4
DOEBLERS	636XY	195	19.8
AUGUSTA	A286	189	19.1

Maturity Average	205	19.5
LSD (0.05)	8	0.7

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3245	240	21.5
AUGUSTA	A520	236	21.1
AUGUSTA	A552	231	22.6
PIONEER	3223	231	21.2
DEKALB	DK642	221	20.5
PIONEER	3394	216	20.4
BECK'S	5885	216	20.4
AUGUSTA	A2112	216	22.4
BECK'S	5405	210	20.8
DOEBLERS	737XP	207	20.9
SOUTHERN STATES	SS656	206	19.6
AUGUSTA	A518	200	24.7
AUGUSTA	A613aa	194	21.0
SOUTHERN STATES	SS676	191	19.5
Maturity Average		216	21.2
LSD (0.05)		15	0.8

<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3163	240	22.1
LYNKS	2821	226	21.0
BECK'S	8280	224	22.7
TERRA	TR1185	217	24.4
CARGILL	7557	216	22.0
TERRA	TR1167	215	21.5
DOEBLERS	82XP	211	21.4
DEKALB	DK668	204	21.2
LYNKS	2815	203	21.5
Maturity Average		217	22.0
LSD (0.05)		13	0.7

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
CARGILL	8327	196	21.0
Location Average		214	21.1

### Three Year Averages MT HOLLY, VA 1994/1996 - Irrigated

<b>Very Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3525	201	18.1

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3245	215	20.6
PIONEER	3394	196	19.4
BECK'S	5405	195	19.8
AUGUSTA	A518	193	23.9
DOEBLERS	737XP	188	19.6
AUGUSTA	A613aa	185	20.5



Maturity Average	195	20.6
LSD (0.05)	14	0.7

<b>Medium Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>
PIONEER	3163	226	21.3
TERRA	TR1185	211	23.4
TERRA	TR1167	198	20.8
DOEBLERS	82XP	195	20.7

Maturity Average	207	21.5
LSD (0.05)	12	0.8

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>
CARGILL	8327	183	20.1

Location Average	199	20.7
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## AUGUSTA, VA 1996 - 22,187 plants/acre

<b>Very Early 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	SS576	169	17.7	18
AUGUSTA	A285	169	17.7	9
AUGUSTA	A885	157	17.8	5
HYTEST	BH4531	137	15.9	5
Maturity Average		158	17.3	9
LSD		18	1.5	12

<b>Early 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	SS676	169	19.6	7
AUGUSTA	A385	169	18.3	16
DEKALB	DK642	168	22.1	7
MID-ATLANTIC	MAX9142	167	18.8	8
PIONEER	3310	167	21.8	16
MID-ATLANTIC	MAX9141	165	19.1	8
NORTHRUP KING	X7445	165	20.3	12
PIONEER	3245	163	21.5	14
NORTHRUP KING	N7989	161	23.4	9
SOUTHERN STATES	SS742A	157	25.9	9
PIONEER	3260	156	23.3	18
AUGUSTA	A552	155	21.6	20
NORTHRUP KING	N6800	154	20.4	6
AUGUSTA	A520	150	19.6	16
HYTEST	BH4612	149	18.1	7
MID-ATLANTIC	MA9140	149	19.4	7
DOEBLERS	716XY	147	17.6	18
AUGUSTA	7660	147	22.9	4
SOUTHERN STATES	SS656	147	18.7	8
DEKALB	DK626	140	18.4	13
DOEBLERS	737XP	137	19.6	17
NORTHRUP KING	N7931	136	20.4	11
Maturity Average		155	20.5	11
LSD		21	1.7	10

<b>Medium 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>
PIONEER	3153	170	24.2	5
PIONEER	3163	165	23.5	8
HYTEST	BH4901	164	28.6	5
MID-ATLANTIC	MAX9171	162	23.6	5
HYTEST	BH4891	159	21.2	12
DEKALB	DK683	156	25.5	5
DYNAGRO	5456	154	17.6	12
DOEBLERS	746XY	154	19.4	9
DEKALB	DK687	150	26.4	6
NORTHRUP KING	X8325	150	25.2	13
NORTHRUP KING	X8655	148	24.2	16
MID-ATLANTIC	MA9181	146	21.7	9
SOUTHERN STATES	SS897	146	24.4	7
SOUTHERN STATES	SS883A	146	23.6	12
NORTHRUP KING	N8656	145	29.7	12
DOEBLERS	75X2	144	23.4	12

Maturity Average	152	23.7	9
LSD	24	1.8	8

<b>Mid-Full Maturity Brand/Company</b>	<b>Hybrid</b>	<b>Yield bu/A</b>	<b>Moist %</b>	<b>Lodging %</b>
PIONEER	3156	165	24.8	16
NORTHRUP KING	N8811	156	33.6	7
DEKALB	DK714	152	26.0	13
DEKALB	DK743	151	25.7	23
MID-ATLANTIC	MA9200	149	25.1	11
DOEBLERS	854V2	149	23.7	14
DYNAGRO	UAPX 15057	148	21.4	16
SOUTHERN STATES	SS943	143	25.0	12
DYNAGRO	UAPX 15531	134	25.7	10
Maturity Average		150	25.7	13
LSD		22	2.1	8
Location Average		154	22.2	11

**Two Year Averages**  
**AUGUSTA, VA 1995/1996**

<b>Very Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
SOUTHERN STATES	SS576	156	17.0
<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3245	157	20.0
SOUTHERN STATES	SS742A	156	22.4
DEKALB	DK642	155	20.0
MID-ATLANTIC	MA9140	148	18.6
SOUTHERN STATES	SS676	148	18.8
NORTHRUP KING	N7989	146	22.1
DOEBLERS	737XP	129	19.0
Maturity Average		148	20.1
LSD (0.05)		15	0.9
<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
DOEBLERS	75X2	148	21.7
DEKALB	DK683	147	23.2
SOUTHERN STATES	SS883A	146	21.0
MID-ATLANTIC	MA9181	146	20.2
PIONEER	3163	145	20.4
NORTHRUP KING	N8656	122	25.6
Maturity Average		142	22.1
LSD (0.05)		17	1.3
<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3156	152	22.7
MID-ATLANTIC	MA9200	149	22.3
DEKALB	DK743	147	23.8
NORTHRUP KING	N8811	146	28.8
SOUTHERN STATES	SS943	144	22.7
DOEBLERS	854V2	140	22.1
Maturity Average		146	23.6
LSD (0.05)		14	1.3
Location Average		146	21.6

**Three Year Averages**  
**AUGUSTA, VA 1994/1996**

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3245	163	20.9
NORTHRUP KING	N7989	161	22.8
SOUTHERN STATES	SS742A	161	22.9
Maturity Average		162	22.2
LSD (0.05)		15	0.9
<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
PIONEER	3163	159	22.6
SOUTHERN STATES	SS883A	158	23.6
DEKALB	DK683	156	24.6
DOEBLERS	75X2	150	22.7
NORTHRUP KING	N8656	147	26.2
Maturity Average		154	24.0
LSD (0.05)		12	1.3
<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>
SOUTHERN STATES	SS943	160	25.2
PIONEER	3156	159	24.1
NORTHRUP KING	N8811	151	29.1
DEKALB	DK743	144	24.9
Maturity Average		154	25.8
LSD (0.05)		15	1.7
Location Average		156	24.1

## BLACKSBURG, VA 1996

Very Early Maturity Yield		Moist	DaysTo	Plants/A	
Brand/Company	Hybrid	bu/A	%	Silk	
AUGUSTA	A359	188	23.9	71	23958
AUGUSTA	A885	177	21.5	68	24655
HYTEST	BH4531	172	19.4	67	25439
Maturity Average		179	21.6	68	24684
LSD		56	1.5	1	1579

Brand/Company	Hybrid	Yield bu/A	Moist %	DaysTo Silk	Plants/A
MID-ATLANTIC	MAX9141	232	25.3	69	24481
AUGUSTA	A552	209	31.3	75	26310
DEKALB	DK642	200	25.9	69	24568
DEKALB	DK626	198	24.1	70	24306
PIONEER	3260	197	28.8	71	25265
NORTHRUP KING	X7445	197	28.0	69	23087
MID-ATLANTIC	MA9140	187	23.2	69	23000
AUGUSTA	A520	186	29.2	72	24394
TERRA	E1106	182	26.1	70	23000
PIONEER	3310	182	24.9	68	22303
DOEBLERS	716XY	179	23.8	67	23522
PIONEER	3394	178	20.1	68	22390
DOEBLERS	69XP	171	24.6	70	23958
DOEBLERS	737XP	170	24.4	69	22651
SOUTHERN STATES	SS726	170	22.9	68	23522
NORTHRUP KING	N7931	162	24.6	68	22738
SOUTHERN STATES	SS676	160	22.6	70	24219
SOUTHERN STATES	SS747	159	27.5	72	22303
BECK'S	5885	159	24.1	69	23610
SOUTHERN STATES	SS742A	152	31.7	75	25352
SOUTHERN STATES	SS EXP15726	147	24.2	70	21780
NORTHRUP KING	N6800	147	24.5	67	23610
MID-ATLANTIC	MAX9142	140	26.5	69	22825
NORTHRUP KING	N7989	137	29.6	73	24394
HYTEST	BH4612	134	22.9	67	21432
Maturity Average		172	25.5	70	23526
LSD		40	2.4	2	3272

Brand/Company	Hybrid	Yield bu/A	Moist %	DaysTo Silk	Plants/A
MID-ATLANTIC	MAX9171	198	29.3	71	24916
PIONEER	3153	196	29.1	70	24829
DOEBLERS	746XY	192	25.9	70	24045
PIONEER	3163	192	32.8	71	23174
NORTHRUP KING	X8325	191	30.9	71	24219
BECK'S	8280	183	29.1	70	24481
TERRA	TR1167	180	26.9	72	23697
SOUTHERN STATES	SS883A	174	34.1	70	22738
BECK'S	6205	173	26.1	70	23958
MID-ATLANTIC	MA9181	172	32.8	74	22651

TERRA	TR1157	171	26.8	70	22651
DEKALB	DK687	169	35.2	72	21432
NORTHRUP KING	N8656	164	31.5	75	23871
DOEBLERS	82XP	163	27.1	73	23784
DOEBLERS	75X2	160	29.8	73	23610
NORTHRUP KING	X8655	157	29.0	72	23087
HYTEST	BH4891	156	30.0	73	23000
SOUTHERN STATES	SS897	152	34.2	72	23087
DEKALB	DK683	148	40.9	72	23435
TERRA	TR1185	145	28.4	71	25265
HYTEST	BH4901	119	35.2	76	22738
Maturity Average		169	30.0	72	23610
LSD		46	3.3	2	2788

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>	
MID-ATLANTIC	MA9200	222	34.9	70	25352
NORTHRUP KING	N8811	210	32.2	70	24742
DEKALB	DK743	208	29.9	69	25091
CARGILL	8327	200	25.1	70	26484
SOUTHERN STATES	SS943	187	36.0	69	26397
PIONEER	3156	182	31.2	70	25962
DEKALB	DK714	172	31.4	69	25700
CARGILL	8328	163	26.7	71	25439
TERRA	TR702E	120	30.9	73	25003
Maturity Average		185	30.4	70	25575
LSD		46	2.8	1	1189
Location Average		173	27.7	70	23922

## Two Year Averages BLACKSBURG, VA 1995/1996

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	
PIONEER	3394	154	20.6	25178
MID-ATLANTIC	MA9140	150	22.5	25526
BECK'S	5885	146	23.2	25788
DEKALB	DK642	144	24.1	25918
DOEBLERS	737XP	142	23.1	24089
DOEBLERS	69XP	141	23.4	25526
SOUTHERN STATES	SS676	136	21.8	25091
SOUTHERN STATES	SS742A	135	27.3	26528
Maturity Average		144	23.2	25455
LSD (0.05)		27	0.8	2048

<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	
TERRA	TR1167	160	24.6	25962
BECK'S	8280	157	25.1	26441
SOUTHERN STATES	SS883A	156	28.9	24829
PIONEER	3163	135	27.3	25308
DEKALB	DK683	135	31.6	25439
MID-ATLANTIC	MA9181	124	28.3	25613
DOEBLERS	82XP	122	25.2	26180
TERRA	TR1185	116	26.1	26572
Maturity Average		138	27.1	25793
LSD (0.05)		34	1.6	1299

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	
DEKALB	DK743	162	27.6	26789
MID-ATLANTIC	MA9200	154	29.2	26354
SOUTHERN STATES	SS943	152	28.8	26659
CARGILL	8327	150	24.0	27443
PIONEER	3156	139	27.4	26267
Maturity Average		151	27.2	26702
LSD (0.05)		30	1.6	1114
Location Average		144	25.6	25881

### **Three Year Averages BLACKSBURG, VA 1994/1996**

<b>Early Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	
PIONEER	3394	163	20.0	24800
DOEBLERS	69XP	159	22.5	24887
SOUTHERN STATES	SS742A	156	26.3	25671
DOEBLERS	737XP	153	22.4	23726
Maturity Average		158	22.8	24771
LSD (0.05)		22	0.9	988

<b>Medium Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	
SOUTHERN STATES	SS883A	173	27.9	24742
TERRA	TR1167	167	23.9	25149
PIONEER	3163	160	26.1	24887
DEKALB	DK683	153	28.6	24975
DOEBLERS	82XP	147	24.6	25323
TERRA	TR1185	130	25.7	25526
Maturity Average		155	26.1	25100
LSD (0.05)		24	1.2	955
<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	



DEKALB	DK743	187	27.0	25991
SOUTHERN STATES	SS943	178	28.7	25846
CARGILL	8327	160	24.3	26136
PIONEER	3156	156	26.7	25236
Maturity Average		170	26.6	25802
LSD (0.05)		19	1.4	827
Location Average		160	25.3	25207

## ORANGE, VA 1996

Very Early Maturity Yield		Moist	DaysTo	EarHt	Lodging	Plants/A	
Brand/Company	Hybrid	bu/A	%	Silk	in	%	
PIONEER	3525	181	18.1	63	49	1	22070
DOEBLERS	636XY	177	19.1	62	45	10	21780
SOUTHERN STATES	SS576	169	19.3	63	49	7	21344
AUGUSTA	A286	143	16.7	62	46	3	19021
Maturity Average		167	18.3	62	47	5	21054
LSD		18	0.8	1	4	6	2251

Early Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	DaysTo Silk	EarHt in	Lodging %	Plants/A
AUGUSTA	A552	217	22.6	69	52	42	21635
AUGUSTA	A520	214	21.4	68	53	33	21780
PIONEER	3223	207	21.1	68	54	9	21635
PIONEER	3245	207	20.1	65	42	10	22216
PIONEER	3310	193	22.1	65	50	15	22070
PIONEER	3260	190	21.8	65	48	8	21925
DEKALB	DK642	188	20.6	65	40	1	21344
BECK'S	5405	187	19.8	64	43	18	21780
MID-ATLANTIC	MAX9141	185	21.7	66	44	14	20618
NORTHRUP KING	N7989	185	21.4	69	51	36	22070
SOUTHERN STATES	SS726	184	19.3	63	47	6	21635
ASGROW	RX790	181	20.8	64	45	7	21490
NORTHRUP KING	N6800	181	21.5	62	43	17	22070
DEKALB	DK626	178	18.9	64	49	9	22070
AUGUSTA	A2112	178	22.2	65	48	22	21490
ASGROW	RX771	175	20.4	62	44	0	21635
SOUTHERN STATES	SS747	175	21.2	67	46	20	19892
ASGROW	RX770	173	20.8	62	41	2	21780
MID-ATLANTIC	MAX9142	170	20.6	64	43	16	21490
DOEBLERS	69XP	170	19.5	65	47	3	21490
SOUTHERN STATES	SS656	169	18.6	65	48	11	21780
LYNKS	2725	167	19.9	62	44	4	21490
SOUTHERN STATES	SS EXP15726	167	20.8	66	48	5	21635
DOEBLERS	716XY	166	21.2	65	44	15	21344
MID-ATLANTIC	MA9140	165	19.1	65	44	7	21780
DOEBLERS	737XP	163	19.1	64	46	7	20764
NORTHRUP KING	N7931	160	21.1	63	48	10	21344
AUGUSTA	A518	157	22.6	66	44	14	21490
MYCOGEN	7250cb	148	20.9	63	42	1	19166
CARGILL	6303	136	18.4	61	38	0	22070
Maturity Average		178	20.6	65	46	12	21499
LSD		21	1.4	1	3	13	1525

Medium Maturity Brand/Company	Hybrid	Yield bu/A	Moist %	DaysTo Silk	EarHt in	Lodging %	Plants/A
PIONEER	3153	201	20.5	66	44	2	21925
MYCOGEN	ng7559	199	20.4	66	53	21	22070
MID-ATLANTIC	MAX9171	198	22.6	66	52	9	22070
BECK'S	6205	192	21.1	66	47	19	21780
DEKALB	DK668	190	19.6	66	49	12	21780
DOEBLERS	746XY	190	20.3	65	48	12	21199
NORTHRUP KING	N8656	189	23.1	67	48	12	21925

LYNKS	2815	189	20.9	64	42	9	21780
MID-ATLANTIC	MA9181	186	22.6	70	56	51	20328
PIONEER	3163	186	21.9	66	47	15	22070
DEKALB	DK687	184	22.9	67	47	8	21344
LYNKS	2821	184	21.6	66	49	0	19747
SOUTHERN STATES	SS827	180	23.2	65	47	11	21925
DOEBLERS	75X2	180	21.5	68	50	29	21780
BECK'S	8280	179	21.1	67	52	14	21490
DEKALB	DK683	178	22.9	66	48	22	20909
LYNKS	EX116	177	22.1	67	51	10	21199
DOEBLERS	82XP	176	20.7	67	50	9	21925
DYNAGRO	5456	175	20.4	64	46	15	20038
SOUTHERN STATES	SS883A	173	25.4	66	45	9	21780
ASGROW	RX897	173	20.1	67	50	15	21780
ASGROW	RX843	170	21.9	63	41	4	20038
CARGILL	7557	166	20.1	66	48	1	22070
SOUTHERN STATES	SS897	158	24.6	67	46	6	21925
Maturity Average		182	21.6	66	48	13	21455
LSD		22	1.6	1	3	12	1390

<b>Mid-Full Maturity</b>		<b>Yield</b>	<b>Moist</b>	<b>DaysTo</b>	<b>EarHt</b>	<b>Lodging</b>	<b>Plants/A</b>
<b>Brand/Company</b>	<b>Hybrid</b>	<b>bu/A</b>	<b>%</b>	<b>Silk</b>	<b>in</b>	<b>%</b>	
PIONEER	3082	197	25.5	70	52	9	21925
DYNAGRO	UAPX 15057	194	21.6	69	57	29	21054
PIONEER	3165	190	24.9	70	52	44	21925
CARGILL	8328	182	20.6	68	51	2	21780
PIONEER	3156	181	22.7	67	54	7	22070
NORTHROP KING	N8811	179	23.8	67	45	11	21635
DEKALB	DK714	176	23.1	66	50	1	21490
CARGILL	8327	175	20.6	68	50	18	22070
SOUTHERN STATES	SS943	175	24.3	67	48	16	22070
MID-ATLANTIC	MA9200	156	26.0	68	47	12	21054
Maturity Average		180	23.0	68	50	14	21740
LSD		16	1.9	1	4	10	848
Location Average		179	21.2	65	47	12	21496

## Two Year Averages ORANGE, VA 1995/1996

<b>Very Early Maturity Yield</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	SS576	193	19.3	22869	68	53
DOEBLERS	636XY	186	19.5	23087	66	49
AUGUSTA	A286	179	17.8	21708	67	51
Maturity Average		186	18.9	22555	67	51
LSD (0.05)		14	0.8	1160	1	3
<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>
PIONEER	3245	231	21.0	23305	69	49
PIONEER	3223	225	21.7	23014	72	58
AUGUSTA	A520	223	22.3	23087	72	58
AUGUSTA	A552	215	23.2	23014	73	57
AUGUSTA	A2112	200	23.3	22942	68	52
BECK'S	5405	200	21.0	23087	68	48
NORTHRUP KING	N7989	197	22.0	23232	72	55
SOUTHERN STATES	SS656	192	19.6	23087	68	52
DOEBLERS	737XP	182	20.0	22579	67	51
DOEBLERS	69XP	181	19.7	22942	69	49
ASGROW	RX770	180	19.8	23087	66	45
Maturity Average		202	21.2	23034	70	52
LSD (0.05)		15	1.4	600	1	3
<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>
PIONEER	3163	214	23.8	23232	71	51
SOUTHERN STATES	SS883A	211	26.8	23087	71	50
BECK'S	8280	209	22.6	22942	72	57
DEKALB	DK683	202	23.6	22651	71	53
LYNKS	2821	201	22.0	22071	69	51
LYNKS	2815	201	21.3	23087	69	46
DOEBLERS	75X2	200	22.1	23087	73	54
CARGILL	7557	196	20.6	23232	69	53
NORTHRUP KING	N8656	196	23.7	23160	72	51
ASGROW	RX843	194	23.6	22216	67	44
DOEBLERS	82XP	191	21.8	23160	72	53
SOUTHERN STATES	SS827	190	24.1	23160	70	50
ASGROW	RX897	185	21.7	23087	71	54
Maturity Average		199	22.9	22936	70	51
LSD (0.05)		14	1.1	697	1	2
<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>
SOUTHERN STATES	SS943	206	26.2	23232	71	53
PIONEER	3156	204	24.1	23232	71	56
PIONEER	3165	202	26.2	23160	74	56
NORTHRUP KING	N8811	191	24.4	23014	71	50
CARGILL	8327	186	21.6	23232	71	54

Maturity Average	198	24.5	23174	72	54
LSD (0.05)	14	1.3	215	1	3
Location Average	199	22.2	22971	70	52

### Three Year Averages ORANGE, VA 1994/1996

Early Maturity		Yield	Moist	Plants/A	DaysTo	EarHt
Brand/Company	Hybrid	bu/A	%		Silk	In
PIONEER	3245	204	19.8	22603	72	42
NORTHRUP KING	N7989	178	20.6	22409	76	48
DOEBLERS	69XP	169	18.6	22651	72	43
DOEBLERS	737XP	168	18.8	22409	71	44
ASGROW	RX770	167	18.5	22700	69	40
Maturity Average		177	19.2	22554	72	43
LSD (0.05)		10	1.0	803	1	2
Medium Maturity		Yield	Moist	Plants/A	DaysTo	EarHt
Brand/Company	Hybrid	bu/A	%		Silk	In
PIONEER	3163	199	21.6	22845	74	44
SOUTHERN STATES	SS883A	195	24.4	22748	74	43
DEKALB	DK683	183	21.1	22329	74	46
DOEBLERS	82XP	183	19.9	22748	75	47
NORTHRUP KING	N8656	182	21.7	22700	76	45
SOUTHERN STATES	SS827	182	22.1	22796	73	44
ASGROW	RX897	176	20.2	22651	75	48
Maturity Average		186	21.6	22688	75	45
LSD (0.05)		12	0.9	324	1	2
Mid-Full Maturity		Yield	Moist	Plants/A	DaysTo	EarHt
Brand/Company	Hybrid	bu/A	%		Silk	In
SOUTHERN STATES	SS943	194	24.2	22796	74	46
PIONEER	3165	189	23.8	22603	77	49
PIONEER	3156	184	21.8	22603	73	49
NORTHRUP KING	N8811	178	22.7	22700	74	43
CARGILL	8327	177	20.2	22845	75	47
Maturity Average		184	22.5	22709	75	47
LSD (0.05)		11	0.9	291	1	2
Location Average		183	21.2	22655	74	4











