

TABLE 1. CORN HYBRID PERFORMANCE – DRY LAND TRIAL – COASTAL PLAIN:
 EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
 3-YEAR AVERAGES 2001 & 2003-2004

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	31B13	112.7	99.9	15.7	2.3	59
Pioneer	32R25	109.6	100.0	15.7	2.3	59
Pioneer	31G98	107.9	100.0	15.4	2.5	59
TERRAL	TV2160Bt	107.6	100.0	15.8	2.2	59
NK	N91-R9	105.6	99.9	17.9	1.7	59
Pioneer	31R88	92.0	100.0	16.0	1.8	59
AVERAGES		105.9	100.0	16.1	2.1	59
L.S.D. (.10)		10.7				
C.V. (%)		18.3				

TABLE 2. CORN HYBRID PERFORMANCE – DRY LAND TRIAL – COASTAL PLAIN:
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
2-YEAR AVERAGES 2003-2004

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Garst	8200YG1	111.6	100.0	17.4	2.0	58
Southern States	SS 900 BT	101.6	100.0	16.0	1.0	56
Pioneer	31B13	101.3	100.0	16.0	2.3	58
Southern States	894 RR	101.3	100.0	16.3	2.0	57
Pioneer	31G66	100.7	100.0	15.8	1.7	58
TERRAL	TV2140nRR	99.9	100.0	16.4	1.7	56
Pioneer	32D99	99.5	100.0	17.7	1.7	57
Pioneer	32R25	98.4	100.0	16.0	1.7	58
DEKALB	DKC66-80 (RR2)	96.5	100.0	15.2	1.0	58
Pioneer	33M54	95.9	100.0	15.7	2.3	60
Pioneer	31G98	94.8	100.0	15.4	2.3	58
TERRAL	TV2160Bt	91.3	100.0	16.0	2.0	58
Pioneer	32W86	87.4	100.0	15.9	2.3	59
DEKALB	DKC69-71 (RR2/YGCB)	86.4	100.0	17.7	2.7	58
NK	N91-R9	86.4	100.0	18.9	1.3	58
Pioneer	33V15	83.1	100.0	15.9	2.0	60
Pioneer	31R88	82.7	100.0	16.4	2.0	58
Southern States	842RR	79.7	100.0	18.0	1.7	56
Pioneer	31N27	79.6	100.0	16.9	3.0	59
DEKALB	DKC67-60 (RR2)	78.3	100.0	17.5	1.0	59
AVERAGES		92.8	100.0	16.6	1.9	58
L.S.D. (.10)		13.7				
C.V. (%)		21.9				

TABLE 3. CORN HYBRID PERFORMANCE – DRY LAND TRIAL – COASTAL PLAIN:
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	32D99	127.9	100.0	16.2	1.7	58
Southern States	894 RR	121.2	100.0	15.2	2.0	58
Trisler by Augusta	T-04-102 CB	115.7	100.0	16.4	1.7	60
Garst	8200YG1	115.1	100.0	15.8	2.0	59
TERRAL	TV2140nRR	110.9	100.0	14.7	1.7	57
Pioneer	33M54	110.9	100.0	15.2	2.3	62
Pioneer	31G66	110.4	100.0	15.3	1.7	59
Pioneer	31B13	107.9	100.0	15.2	2.3	60
Garst	8292YG1	106.7	100.0	15.6	1.7	58
Trisler by Augusta	T5338CB	106.5	100.0	15.0	2.3	56
TERRAL	TVX23R404	105.3	100.0	15.8	1.7	60
Augusta	3158	105.2	100.0	16.3	2.3	59
Pioneer	31G98	105.2	100.0	15.1	2.3	60
Pioneer	32R25	105.1	100.0	15.2	1.7	59
Augusta	9552CL	105.0	100.0	15.3	2.0	57
TERRAL	TV25BR23	103.0	100.0	15.4	2.0	57
Southern States	SS 900 BT	102.1	100.0	15.4	1.0	58
Trisler by Augusta	T-04-103 CB	99.9	100.0	15.8	1.7	60
Trisler by Augusta	T5337CBRR	99.4	100.0	15.5	1.7	58
TERRAL	TVX23R401	98.4	98.3	16.5	2.0	59
TERRAL	TVX26BR401	98.3	100.0	14.9	2.0	57
TERRAL	TV2160Bt	98.3	100.0	15.5	2.0	59
Pioneer	33V15	98.1	100.0	15.2	2.0	61
Southern States	842RR	97.5	100.0	16.8	1.7	57
NK	N82-A7	97.5	100.0	15.8	1.3	58
DEKALB	DKC66-80 (RR2)	97.2	100.0	14.7	1.0	59
NK	N91-R9	96.1	100.0	16.6	1.3	58
Augusta	3562	95.6	100.0	15.5	2.7	58
Augusta	3157	95.5	100.0	16.5	2.0	59
TERRAL	TVX26B401	95.3	100.0	15.7	1.7	60
Augusta	9561	93.6	100.0	16.7	2.3	58
Pioneer	31R88	91.8	100.0	15.4	2.0	59
TERRAL	TVX25R401	90.6	100.0	16.1	2.0	59
Southern States	SS E83462	89.9	100.0	15.1	1.7	58
DEKALB	DKC63-81 (RR2/YGCB)	88.2	100.0	14.3	1.7	60
Pioneer	32W86	86.4	100.0	15.1	2.3	60
Pioneer	31N27	83.3	100.0	16.3	3.0	59
DEKALB	DKC69-71 (RR2/YGCB)	83.1	100.0	15.9	2.7	58
Trisler by Augusta	T-04-104 RR	82.6	100.0	15.5	1.7	58
DEKALB	DKC67-60 (RR2)	74.9	100.0	15.6	1.0	61
ASGROW	RX752RR/YG	71.4	100.0	15.2	2.0	58
DEKALB	DKC60-19 (RR2/YGCB)	68.3	100.0	14.3	3.7	57
AVERAGES		98.4	100.0	15.6	1.9	59
L.S.D. (.10)		14.5				
C.V. (%)		15.4				
STD. ERR. OF ENTRY MEAN		6.2	DF=205			

TABLE 4. CORN HYBRID PERFORMANCE - DRY LAND TRIAL - COASTAL PLAIN:
 EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
 2004 DATA
 MEANS ADJUSTED BY LATTICE PROCEDURE

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)
Pioneer	32D99	129.2
Southern States	894 RR	122.5
Trisler by Augusta	T-04-102 CB	116.0
Garst	8200YG1	114.8
TERRAL	TV2140nRR	111.5
Pioneer	31G66	110.9
Pioneer	33M54	110.6
Trisler by Augusta	T5338CB	107.9
Pioneer	31B13	107.4
Garst	8292YG1	106.2
Pioneer	31G98	105.8
TERRAL	TVX23R404	105.5
Augusta	3158	104.9
Augusta	9552CL	104.6
Pioneer	32R25	104.6
TERRAL	TV25BR23	102.7
Southern States	SS 900 BT	102.0
Trisler by Augusta	T5337CBRR	100.1
Trisler by Augusta	T-04-103 CB	99.5
TERRAL	TVX23R401	98.6
TERRAL	TV2160Bt	98.2
DEKALB	DKC66-80 (RR2)	98.1
TERRAL	TVX26BR401	97.9
Pioneer	33V15	97.8
Southern States	842RR	97.2
NK	N82-A7	96.6
NK	N91-R9	95.6
Augusta	3562	95.5
TERRAL	TVX26B401	95.3
Augusta	3157	94.8
Augusta	9561	93.4
Pioneer	31R88	91.7
TERRAL	TVX25R401	91.4
Southern States	SS E83462	90.4
DEKALB	DKC63-81 (RR2/YGCB)	88.0
Pioneer	32W86	85.7
Pioneer	31N27	83.1
DEKALB	DKC69-71 (RR2/YGCB)	82.8
Trisler by Augusta	T-04-104 RR	82.0
DEKALB	DKC67-60 (RR2)	74.4
ASGROW	RX752RR/YG	71.0
DEKALB	DKC60-19 (RR2/YGCB)	69.0
AVERAGES		98.4
L.S.D. (.10)		11.2
C.V. (%)		15.1
STD. ERR. OF ENTRY MEAN		6.2 DF=205
R-SQUARED		0.58
RELAVITE EFFICIENCY TO A RCBD		100.7%

TABLE 5. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
 EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
 3-YEAR AVERAGES 2002-2004

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	32D99	151.7	89.0	17.2	1.8	57
Pioneer	32W86	141.7	92.5	16.0	2.3	60
Pioneer	31G98	139.4	97.0	16.0	2.1	60
Pioneer	31N27	139.3	92.0	17.1	2.0	61
Pioneer	32R25	138.2	85.7	16.3	2.4	59
Southern States	842RR	137.3	88.4	17.6	2.0	56
TERRAL	TV2140nRR	136.0	98.0	16.6	1.6	58
Pioneer	31B13	136.0	98.8	16.6	2.6	59
Pioneer	31R88	131.7	88.0	16.5	2.6	58
NK	N91-R9	129.8	93.3	19.3	1.9	61
TERRAL	TV2160Bt	127.1	99.2	16.5	2.3	60
AVERAGES		137.1	92.8	16.9	2.1	59
L.S.D. (.10)		10.5				
C.V. (%)		13.8				

TABLE 6. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
2-YEAR AVERAGES 2003-2004

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	32D99	167.7	87.8	17.3	1.8	56
Pioneer	31G66	163.4	92.0	16.5	1.4	58
Southern States	SS 900 BT	156.7	100.0	17.0	1.6	57
Pioneer	31G98	156.0	97.0	15.7	2.2	59
Southern States	894 RR	155.7	100.0	15.9	1.6	57
Pioneer	32W86	153.7	92.0	15.8	2.2	60
TERRAL	TV2140nRR	153.4	98.0	16.4	1.6	57
NK	N91-R9	151.7	98.0	20.2	2.0	60
Pioneer	32R25	151.5	87.8	16.1	2.4	58
Pioneer	33V15	151.1	82.0	15.5	2.0	60
Southern States	842RR	150.8	93.8	17.5	1.8	55
Pioneer	31N27	150.7	92.0	16.8	2.0	60
Pioneer	33M54	148.8	94.0	16.1	2.2	60
DEKALB	DKC69-71 (RR2/YGCB)	147.0	89.0	19.2	2.2	59
Pioneer	31B13	144.0	98.8	16.5	2.8	58
TERRAL	TV2160Bt	142.8	100.0	16.2	2.6	59
DEKALB	DKC66-80 (RR2)	141.1	97.0	15.5	1.2	58
Pioneer	31R88	140.8	88.0	16.4	2.8	58
DEKALB	DKC67-60 (RR2)	137.0	99.4	17.9	1.8	59
Garst	8200YG1	134.0	100.0	17.7	1.2	58
AVERAGES		149.9	94.3	16.8	2.0	58
L.S.D. (.10)		14.8				
C.V. (%)		14.6				

TABLE 7. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	31G66	183.9	80.0	15.2	1.0	58
Southern States	842RR	179.1	84.5	15.5	1.5	56
NK	N91-R9	178.1	95.0	15.9	1.5	59
Pioneer	32D99	175.4	69.5	15.7	1.5	56
Southern States	894 RR	174.3	100.0	14.8	2.5	57
Pioneer	31N27	174.3	80.0	15.6	2.0	60
TERRAL	TV2140nRR	174.0	95.0	14.8	2.0	57
Southern States	SS 900 BT	173.3	100.0	15.2	1.5	58
DEKALB	DKC69-71 (RR2/YGCB)	173.0	72.5	15.3	1.5	59
Pioneer	32W86	172.4	80.0	15.0	2.5	59
Augusta	3562	172.3	60.0	15.2	2.0	58
Pioneer	31G98	171.5	92.5	14.7	2.0	59
TERRAL	TV25BR23	168.1	90.0	14.7	2.0	57
Pioneer	33V15	167.2	55.0	14.9	2.5	60
Garst	8292YG1	167.0	60.0	15.2	1.5	58
Southern States	SS E83462	163.1	99.5	14.6	1.5	56
Trisler by Augusta	T5337CBRR	162.0	65.0	14.8	2.5	57
TERRAL	TVX26B401	161.5	100.0	15.9	1.0	59
Augusta	9552CL	159.9	90.0	14.9	2.0	57
DEKALB	DKC66-80 (RR2)	159.8	92.5	14.6	1.5	58
Trisler by Augusta	T5338CB	159.0	84.5	14.6	1.5	56
Trisler by Augusta	T-04-102 CB	158.3	97.5	15.3	2.0	59
Pioneer	33M54	157.6	85.0	15.5	1.5	60
Pioneer	32R25	157.1	69.5	15.3	3.0	58
Pioneer	31R88	156.9	70.0	15.3	2.0	58
TERRAL	TVX26BR401	156.9	100.0	14.8	2.5	57
Augusta	3158	153.7	99.5	15.6	2.5	58
TERRAL	TVX23R401	153.4	100.0	15.7	2.5	60
TERRAL	TV2160Bt	153.0	100.0	15.5	2.0	59
Augusta	3157	152.0	99.5	15.7	2.0	59
TERRAL	TVX25R401	151.2	82.5	15.8	2.0	58
Trisler by Augusta	T-04-103 CB	150.5	99.0	15.4	1.5	60
Pioneer	31B13	149.5	97.0	15.0	2.5	59
Trisler by Augusta	T-04-104 RR	148.4	98.5	15.1	2.5	59
TERRAL	TVX23R404	145.7	92.5	15.1	2.0	60
NK	N82-A7	144.9	97.5	15.1	2.0	56
DEKALB	DKC67-60 (RR2)	144.8	98.5	15.3	1.5	60
DEKALB	DKC63-81 (RR2/YGCB)	144.5	60.0	14.4	2.5	60
Garst	8200YG1	143.7	100.0	15.2	1.0	58
DEKALB	DKC60-19 (RR2/YGCB)	136.6	95.0	14.4	1.5	57
Augusta	9561	135.7	97.5	15.3	1.5	59
ASGROW	RX752RR/YG	134.8	65.0	14.6	2.0	57
AVERAGES		159.5	86.9	15.2	1.9	58
L.S.D. (.10)		21.1				
C.V. (%)		13.9				
STD. ERR. OF ENTRY MEAN		9.0	DF=205			

TABLE 8. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
 EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.
 2004 DATA
 MEANS ADJUSTED BY LATTICE PROCEDURE

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)
Pioneer	31G66	184.3
Pioneer	32D99	180.0
NK	N91-R9	179.9
Southern States	842RR	177.9
DEKALB	DKC69-71 (RR2/YGCB)	175.3
Pioneer	31N27	174.9
Pioneer	32W86	174.7
Southern States	894 RR	172.4
Pioneer	31G98	171.8
TERRAL	TV2140nRR	170.4
TERRAL	TV25BR23	170.4
Augusta	3562	169.9
Garst	8292YG1	167.9
Southern States	SS 900 BT	167.8
Pioneer	33V15	166.8
TERRAL	TVX26B401	164.1
Southern States	SS E83462	163.4
DEKALB	DKC66-80 (RR2)	163.0
Trisler by Augusta	T5337CBRR	162.5
Augusta	9552CL	161.5
Pioneer	31R88	158.9
Trisler by Augusta	T-04-102 CB	157.2
Pioneer	32R25	156.4
Augusta	3157	155.8
Trisler by Augusta	T5338CB	155.6
Pioneer	33M54	154.4
TERRAL	TVX26BR401	154.2
Trisler by Augusta	T-04-103 CB	153.9
Augusta	3158	152.1
TERRAL	TVX25R401	150.9
TERRAL	TV2160Bt	150.7
TERRAL	TVX23R401	148.9
Pioneer	31B13	148.3
Trisler by Augusta	T-04-104 RR	147.5
TERRAL	TVX23R404	146.9
DEKALB	DKC63-81 (RR2/YGCB)	145.8
Garst	8200YG1	144.1
NK	N82-A7	144.1
DEKALB	DKC67-60 (RR2)	141.6
Augusta	9561	138.3
DEKALB	DKC60-19 (RR2/YGCB)	137.7
ASGROW	RX752RR/YG	136.3
AVERAGES		159.5
L.S.D. (.10)		15.9
C.V. (%)		12.8
STD. ERR. OF ENTRY MEAN		8.7 DF=205
R-SQUARED		0.61
RELAVITE EFFICIENCY TO A RCBD		107.5%

TABLE 9. CORN HYBRID PERFORMANCE - DRY LAND TRIAL - COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 3-YEAR AVERAGES 2001 & 2003-2004

COMPANY OR BRAND NAME	HYBRID	2003 DATA					
		YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	31B13	135.1	76	94.9	13.9	2.3	60
Pioneer	31G98	128.7	77	99.3	13.7	1.6	61
NK	N91-R9	127.3	77	97.5	15.1	2.0	61
Pioneer	32R25	125.5	77	100.0	13.8	2.3	59
TERRAL	TV2160Bt	119.8	77	96.3	14.0	2.4	61
Pioneer	31R88	119.2	76	100.0	14.1	2.3	60
AVERAGES		125.9	77	98.0	14.1	2.1	60
L.S.D. (.10)		NS					
C.V. (%)		18.6					

TABLE 10. CORN HYBRID PERFORMANCE – DRY LAND TRIAL – COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 2-YEAR AVERAGES 2003-2004

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Southern States	SS 900 BT	153.3	76	98.0	14.6	2.0	59
Garst	8200YG1	150.6	76	98.8	15.4	1.6	60
Pioneer	33V15	142.3	76	99.0	14.4	1.6	62
Pioneer	31B13	140.3	77	96.0	14.4	2.6	60
DEKALB	DKC69-71 (RR2/YGCB)	139.8	79	99.8	15.3	2.2	61
Pioneer	32D99	137.9	77	100.0	15.3	2.4	57
Pioneer	32W86	136.4	76	94.0	14.0	2.4	60
Pioneer	31G98	134.9	78	98.8	14.0	1.6	61
TERRAL	TV2160Bt	134.1	77	94.0	14.5	2.4	60
Pioneer	31N27	134.1	77	99.4	14.8	2.2	61
Southern States	894 RR	133.4	78	99.0	14.1	2.2	57
Pioneer	33M54	132.0	76	99.8	14.5	2.0	61
DEKALB	DKC66-80 (RR2)	130.2	77	99.0	13.7	1.4	60
Pioneer	31G66	128.6	76	98.0	14.6	1.8	59
DEKALB	DKC67-60 (RR2)	124.3	78	100.0	15.3	1.4	60
Southern States	842RR	124.3	78	98.0	15.0	2.6	57
Pioneer	32R25	124.0	78	100.0	13.9	2.6	58
TERRAL	TV2140nRR	121.4	78	99.6	14.1	2.2	58
NK	N91-R9	118.4	78	96.0	15.3	2.2	60
Pioneer	31R88	115.4	77	100.0	14.2	2.6	59
AVERAGES		132.8	77	98.4	14.6	2.1	59
L.S.D. (.10)		17.3					
C.V. (%)		19.3					

TABLE 11. CORN HYBRID PERFORMANCE – DRY LAND TRIAL – COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	33V15	158.4	75	97.5	14.3	2.5	61
Southern States	SS 900 BT	151.8	75	95.0	14.5	2.5	59
Garst	8292YG1	142.9	74	100.0	14.3	2.5	60
Garst	8200YG1	142.7	74	97.0	14.4	2.5	59
Trisler by Augusta	T5338CB	140.2	75	90.0	13.7	3.0	56
DEKALB	DKC69-71 (RR2/YGCB)	139.1	77	99.5	14.8	2.5	60
TERRAL	TV2160Bt	132.7	76	85.0	14.4	3.5	60
Pioneer	31G98	132.7	76	97.0	13.8	1.5	59
Pioneer	32W86	132.1	75	85.0	13.8	3.0	59
TERRAL	TV25BR23	129.7	75	100.0	13.7	2.0	57
Pioneer	31N27	126.7	75	98.5	14.5	2.0	58
Pioneer	32D99	125.7	75	100.0	14.8	3.5	55
Southern States	894 RR	125.6	77	97.5	13.9	3.0	55
Pioneer	33M54	125.4	76	99.5	14.1	2.0	60
DEKALB	DKC63-81 (RR2/YGCB)	124.0	74	100.0	13.4	2.5	59
Trisler by Augusta	T5337CBRR	124.0	76	100.0	14.0	2.5	57
TERRAL	TVX26BR401	122.9	75	90.0	13.7	3.0	57
Trisler by Augusta	T-04-103 CB	122.3	75	95.0	14.2	2.0	61
Pioneer	31G66	122.2	74	95.0	14.3	3.0	57
DEKALB	DKC66-80 (RR2)	116.0	76	97.5	13.5	1.0	59
DEKALB	DKC60-19 (RR2/YGCB)	115.0	70	97.5	13.2	3.5	57
DEKALB	DKC67-60 (RR2)	113.4	77	100.0	14.5	2.0	59
Augusta	9552CL	113.0	77	97.5	13.9	2.5	57
Pioneer	31B13	111.4	76	90.0	14.1	3.0	57
Trisler by Augusta	T-04-102 CB	111.3	75	99.5	13.9	1.5	59
TERRAL	TVX23R404	111.0	77	97.5	14.2	1.5	61
Southern States	842RR	110.4	77	95.0	14.6	3.0	56
Augusta	3158	109.8	76	100.0	14.6	2.0	58
Augusta	9561	107.6	75	98.0	14.5	1.5	60
Trisler by Augusta	T-04-104 RR	107.4	77	95.0	14.3	3.0	59
Pioneer	32R25	106.7	76	100.0	13.6	4.0	55
TERRAL	TV2140nRR	105.5	77	99.0	13.9	3.5	57
Southern States	SS E83462	105.2	73	99.5	13.1	2.5	56
NK	N82-A7	101.5	77	100.0	14.1	2.5	58
TERRAL	TVX25R401	100.9	75	99.0	14.0	2.5	59
Augusta	3157	97.5	76	100.0	14.5	3.5	60
Augusta	3562	94.5	76	97.5	14.0	4.0	57
TERRAL	TVX26B401	92.6	74	98.0	14.4	3.0	60
Pioneer	31R88	92.5	76	100.0	14.1	3.5	57
ASGROW	RX752RR/YG	90.7	73	100.0	13.2	4.0	56
TERRAL	TVX23R401	90.1	76	100.0	14.3	2.0	59
NK	N91-R9	87.3	77	90.0	14.4	3.0	59
AVERAGES		117.0	75	96.9	14.1	2.6	58
L.S.D. (.10)		29.8					
C.V. (%)		26.7					
STD. ERR. OF ENTRY MEAN		12.8	DF=205				

TABLE 12. CORN HYBRID PERFORMANCE - DRY LAND TRIAL - COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 2004 DATA
 MEANS ADJUSTED BY LATTICE PROCEDURE

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)
Pioneer	33V15	147.6
Pioneer	31G98	144.7
Southern States	SS 900 BT	140.8
Garst	8292YG1	140.6
Garst	8200YG1	139.7
TERRAL	TV2160Bt	133.3
Trisler by Augusta	T5338CB	132.8
Pioneer	33M54	132.7
DEKALB	DKC69-71 (RR2/YGCB)	131.8
Pioneer	32W86	129.7
Pioneer	31N27	129.2
Trisler by Augusta	T-04-103 CB	127.5
TERRAL	TV25BR23	126.3
Southern States	894 RR	123.6
Pioneer	32D99	123.5
TERRAL	TV2140nRR	120.9
Pioneer	31G66	119.9
DEKALB	DKC60-19 (RR2/YGCB)	119.8
Trisler by Augusta	T5337CBRR	118.2
Pioneer	32R25	117.1
TERRAL	TVX26BR401	116.7
DEKALB	DKC66-80 (RR2)	116.2
Trisler by Augusta	T-04-102 CB	114.2
Augusta	9552CL	114.0
DEKALB	DKC63-81 (RR2/YGCB)	114.0
TERRAL	TVX23R404	114.0
DEKALB	DKC67-60 (RR2)	112.7
Southern States	SS E83462	111.5
TERRAL	TVX25R401	110.1
Southern States	842RR	108.7
Augusta	3158	105.1
Trisler by Augusta	T-04-104 RR	105.0
Pioneer	31B13	104.1
Pioneer	31R88	103.3
Augusta	9561	101.4
Augusta	3157	100.8
NK	N82-A7	99.1
Augusta	3562	98.6
TERRAL	TVX26B401	97.3
NK	N91-R9	93.8
TERRAL	TVX23R401	86.7
ASGROW	RX752RR/YG	86.4
AVERAGES		117.0
L.S.D. (.10)		18.8
C.V. (%)		19.9
STD. ERR. OF ENTRY MEAN		10.3 DF=205
R-SQUARED		0.73
RELAVITE EFFICIENCY TO A RCBD		153.2%

TABLE 13 . CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 3-YEAR AVERAGES 2001-2002 & 2004

COMPANY OR BRAND NAME (LB/BU)	HYBRID	YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT
Pioneer	31G98	155.4	78	85.6	14.4	2.9	60
Pioneer	31R88	154.3	77	96.1	15.2	3.0	61
Pioneer	32R25	152.2	79	90.6	14.6	2.9	60
Pioneer	31B13	149.5	77	84.4	14.9	2.8	61
NK	N91-R9	138.3	79	88.0	15.8	1.9	61
TERRAL	TV2160Bt	118.3	77	78.9	15.1	2.6	60
AVERAGES		144.7	78	87.1	15.0	2.6	60
L.S.D. (.10)		12.2					
C.V. (%)		15.2					

TABLE 14. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 2-YEAR AVERAGES 2002 & 2004

COMPANY OR BRAND NAME (LB/BU)	HYBRID	YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT
Pioneer	31R88	150.0	79	94.2	15.4	3.0	60
Pioneer	32W86	142.9	80	90.8	14.7	2.4	61
Pioneer	32R25	140.5	81	85.8	14.6	2.2	60
Pioneer	32D99	139.0	81	76.7	15.0	2.5	59
TERRAL	TV2140nRR	138.1	80	82.3	14.4	2.0	58
Pioneer	31N27	137.5	79	84.2	15.4	2.2	62
Pioneer	31G98	136.0	81	78.3	14.6	2.6	59
Pioneer	31B13	134.0	79	76.7	15.1	2.6	60
NK	N91-R9	131.7	81	82.9	15.4	2.2	60
Southern States	842RR	118.0	81	83.2	15.3	2.2	56
TERRAL	TV2160Bt	100.4	80	71.3	15.2	2.6	59
AVERAGES		133.5	80	82.2	15.0	2.4	60
L.S.D. (.10)		18.0					
C.V. (%)		19.9					

TABLE 15. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Garst	8200YG1	163.0	77	90.0	15.9	1.0	58
Pioneer	32W86	158.8	79	81.7	15.7	2.0	60
Pioneer	31G66	157.2	76	60.0	15.8	1.3	58
Pioneer	31G98	156.3	79	56.7	15.9	2.3	58
Pioneer	31N27	155.7	78	75.0	16.3	1.7	60
Garst	8292YG1	154.8	76	86.7	16.4	2.0	59
Pioneer	31R88	151.0	78	88.3	16.1	2.7	59
Pioneer	32D99	150.6	78	55.0	16.2	2.0	59
Southern States	SS 900 BT	149.9	78	73.3	15.8	2.0	57
Pioneer	32R25	149.7	80	71.7	15.7	2.3	59
Trisler by Augusta	T5338CB	147.9	77	86.7	14.8	2.7	55
TERRAL	TV25BR23	144.8	77	85.0	15.1	2.0	57
Trisler by Augusta	T-04-102 CB	144.0	77	73.3	15.7	2.0	58
TERRAL	TVX25R401	143.2	78	81.3	15.9	2.0	59
NK	N91-R9	139.3	80	61.7	16.7	2.0	59
TERRAL	TVX23R404	138.8	79	93.3	16.5	1.7	60
TERRAL	TV2140nRR	136.4	79	64.7	15.6	1.7	58
Trisler by Augusta	T5337CBRR	135.0	78	75.0	15.4	2.0	56
Augusta	3157	133.6	79	86.3	16.2	2.3	60
Pioneer	33M54	133.4	79	88.3	16.0	2.7	61
NK	N82-A7	132.2	79	80.0	15.7	1.7	58
DEKALB	DKC69-71 (RR2/YGCB)	132.1	80	87.3	15.9	2.3	59
DEKALB	DKC67-60 (RR2)	132.0	79	85.0	16.0	1.0	61
Trisler by Augusta	T-04-104 RR	131.4	78	43.3	15.8	2.0	60
TERRAL	TVX23R401	131.4	78	73.3	16.5	2.0	60
Augusta	3158	129.9	78	80.0	16.3	2.7	57
TERRAL	TVX26B401	129.6	78	68.3	16.3	1.3	61
Trisler by Augusta	T-04-103 CB	127.2	78	80.0	16.2	1.7	61
Southern States	894 RR	127.0	79	46.7	15.9	1.7	57
DEKALB	DKC63-81 (RR2/YGCB)	121.6	75	97.0	15.1	2.7	60
DEKALB	DKC66-80 (RR2)	119.8	78	96.3	15.0	1.0	59
Southern States	SS E83462	119.6	77	85.7	15.3	1.3	58
TERRAL	TVX26BR401	119.1	77	96.3	15.3	2.7	57
Augusta	9552CL	118.4	78	46.7	15.6	1.7	58
Pioneer	31B13	117.9	78	53.3	15.9	2.7	58
Augusta	3562	113.7	79	80.0	16.1	2.7	59
Pioneer	33V15	112.1	77	74.7	15.7	2.0	61
Southern States	842RR	109.5	79	66.7	16.6	2.3	55
ASGROW	RX752RR/YG	102.2	74	93.3	15.2	2.7	59
Augusta	9561	92.2	77	66.7	16.3	2.7	60
TERRAL	TV2160Bt	88.1	78	33.3	16.7	2.3	59
DEKALB	DKC60-19 (RR2/YGCB)	71.8	73	90.0	15.7	2.3	58
AVERAGES		131.5	78	75.2	15.9	2.0	59
L.S.D. (.10)		27.8					
C.V. (%)		22.2					
STD. ERR. OF ENTRY MEAN		11.9	DF=205				

TABLE 16. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.
 2004 DATA
 MEANS ADJUSTED BY LATTICE PROCEDURE

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)
Garst	8200YG1	167.3
Pioneer	32W86	164.7
Garst	8292YG1	157.3
Pioneer	31G98	155.9
Pioneer	32D99	155.8
Pioneer	31G66	155.3
Southern States	SS 900 BT	153.2
Pioneer	32R25	152.3
Pioneer	31N27	150.2
Pioneer	31R88	149.4
Trisler by Augusta	T5338CB	144.3
TERRAL	TV25BR23	144.2
Trisler by Augusta	T-04-102 CB	143.4
TERRAL	TVX25R401	140.2
NK	N91-R9	139.4
TERRAL	TVX23R404	139.2
DEKALB	DKC69-71 (RR2/YGCB)	137.5
TERRAL	TV2140nRR	136.1
Pioneer	33M54	135.0
Southern States	894 RR	132.7
Trisler by Augusta	T5337CBRR	130.9
DEKALB	DKC67-60 (RR2)	130.9
Augusta	3157	130.1
NK	N82-A7	129.8
TERRAL	TVX23R401	129.5
Trisler by Augusta	T-04-103 CB	129.4
Trisler by Augusta	T-04-104 RR	129.2
Augusta	3158	127.4
TERRAL	TVX26B401	127.3
TERRAL	TVX26BR401	121.8
Southern States	SS E83462	121.7
Pioneer	31B13	121.3
DEKALB	DKC66-80 (RR2)	121.0
DEKALB	DKC63-81 (RR2/YGCB)	120.9
Augusta	3562	115.2
Augusta	9552CL	114.4
Pioneer	33V15	112.0
Southern States	842RR	105.9
ASGROW	RX752RR/YG	99.9
Augusta	9561	92.1
TERRAL	TV2160Bt	88.7
DEKALB	DKC60-19 (RR2/YGCB)	69.8
AVERAGES		131.5
L.S.D. (.10)		21.0
C.V. (%)		20.6
STD. ERR. OF ENTRY MEAN		11.6 DF=205
R-SQUARED		0.67
RELAVITE EFFICIENCY TO A RCBD		105.9%

TABLE 17. CORN HYBRID PERFORMANCE - DRYLAND- PIEDMONT BOTTOMLAND;
 CALHOUN FIELD LABORATORY, CLEMSON, SC.
 3-YEAR AVERAGES 2002-2004

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	32D99	186.4	62.0	15.4	2.3	58
Pioneer	32W86	185.4	75.4	15.1	2.6	61
Pioneer	31N27	177.2	86.8	15.4	2.4	61
NK	N91-R9	177.2	83.5	15.9	1.8	61
Pioneer	31G98	175.4	78.3	14.9	2.5	60
Pioneer	31R88	170.6	94.4	15.5	2.7	60
TERRAL	TV2140nRR	164.3	67.9	15.1	1.5	59
Pioneer	32R25	163.2	65.3	15.2	2.6	60
Pioneer	31B13	159.7	58.5	15.2	2.4	60
TERRAL	TV2160Bt	154.0	55.9	16.2	2.4	61
Southern States	842RR	153.8	53.3	15.6	2.5	58
AVERAGES		169.8	71.1	15.4	2.3	60
L.S.D. (.10)		17.0				
C.V. (%)		18.2				

TABLE 18. CORN HYBRID PERFORMANCE - DRYLAND- PIEDMONT BOTTOMLAND;
 CALHOUN FIELD LABORATORY, CLEMSON, SC.
 2-YEAR AVERAGES 2003-2004

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
NK	N91-R9	188.3	78.1	14.8	1.8	62
Pioneer	31N27	183.2	84.5	14.3	2.3	62
Pioneer	32D99	182.0	52.1	14.6	2.4	59
Pioneer	32W86	179.2	68.1	14.3	2.9	62
Pioneer	33M54	176.8	97.3	14.2	3.0	62
Pioneer	31R88	175.3	94.8	14.3	2.9	61
Garst	8200YG1	172.0	68.4	15.0	1.5	60
DEKALB	DKC69-71 (RR2/YGCB)	170.7	78.4	14.5	2.9	62
Pioneer	31G98	169.6	71.6	13.9	2.5	61
TERRAL	TV2140nRR	169.6	63.4	14.3	1.4	60
TERRAL	TV2160Bt	169.0	50.0	15.8	2.8	61
DEKALB	DKC67-60 (RR2)	164.7	77.4	14.3	1.5	62
Southern States	SS 900 BT	164.0	60.6	14.3	1.8	59
Pioneer	33V15	160.0	72.8	13.9	2.0	62
Southern States	894 RR	159.4	59.6	14.2	1.9	60
Pioneer	31G66	155.7	59.4	14.4	1.8	59
Southern States	842RR	151.6	42.0	14.8	2.9	58
Pioneer	32R25	151.5	52.5	14.5	2.6	60
Pioneer	31B13	139.2	45.6	14.6	2.4	61
DEKALB	DKC66-80 (RR2)	138.8	79.5	14.4	2.0	61
AVERAGES		166.0	68.0	14.5	2.2	61
L.S.D. (.10)		20.8				
C.V. (%)		18.6				

TABLE 19. CORN HYBRID PERFORMANCE - DRYLAND- PIEDMONT BOTTOMLAND;
 CALHOUN FIELD LABORATORY, CLEMSON, SC.
 2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
DEKALB	DKC69-71 (RR2/YGCB)	209.1	97.4	14.9	2.6	62
Trisler by Augusta	T-04-102 CB	201.5	89.8	14.9	1.6	61
NK	N91-R9	198.9	76.0	15.3	1.8	61
Pioneer	32D99	196.2	63.0	14.9	2.4	58
TERRAL	TV2140nRR	187.3	52.4	15.6	1.4	58
Trisler by Augusta	T5338CB	186.4	92.8	14.3	2.2	58
Pioneer	31N27	185.6	81.4	14.9	1.8	61
Trisler by Augusta	T5337CBRR	183.7	71.0	14.7	2.0	59
TERRAL	TVX23R404	180.7	97.0	15.0	2.2	62
Augusta	9552CL	180.1	65.0	14.7	1.8	59
TERRAL	TVX25R401	180.0	89.0	14.8	2.8	60
TERRAL	TVX26B401	179.3	80.8	15.5	1.8	62
Trisler by Augusta	T-04-103 CB	178.5	93.2	14.0	1.4	62
TERRAL	TV25BR23	177.7	88.4	15.3	1.8	58
NK	N82-A7	175.1	55.8	15.1	1.6	58
Pioneer	31R88	173.2	93.8	14.7	3.2	60
TERRAL	TVX23R401	172.7	96.2	15.6	2.8	61
Augusta	3158	171.5	94.0	14.8	3.0	60
TERRAL	TVX26BR401	170.0	87.6	14.2	1.4	60
Augusta	3157	169.7	98.0	15.3	2.4	61
Pioneer	31G66	168.5	67.0	15.0	2.0	59
Pioneer	32W86	167.5	63.0	15.4	2.6	61
Garst	8200YG1	166.2	62.4	15.4	1.4	59
TERRAL	TV2160Bt	165.7	46.0	18.2	2.8	60
Pioneer	33V15	165.2	82.4	14.7	1.6	61
Trisler by Augusta	T-04-104 RR	164.9	84.0	15.6	2.0	61
Augusta	3562	163.9	82.0	16.3	3.8	59
Pioneer	31G98	163.0	70.8	14.6	2.4	60
Southern States	894 RR	158.7	53.4	15.4	1.6	59
Southern States	SS 900 BT	157.4	54.0	15.4	1.4	58
DEKALB	DKC66-80 (RR2)	156.1	93.2	16.0	1.8	61
Pioneer	33M54	153.8	98.6	15.2	3.2	61
Pioneer	32R25	153.5	45.0	15.6	2.4	59
DEKALB	DKC67-60 (RR2)	152.5	79.8	14.8	1.4	62
Southern States	842RR	151.0	43.2	15.5	3.0	57
ASGROW	RX752RR/YG	147.1	67.0	15.6	2.8	58
Augusta	9561	144.8	82.4	15.7	3.0	62
Pioneer	31B13	136.5	41.0	16.0	2.4	59
DEKALB	DKC63-81 (RR2/YGCB)	129.4	58.0	15.3	3.0	60
Garst	8292YG1	120.8	32.0	16.3	2.4	59
DEKALB	DKC60-19 (RR2/YGCB)	109.4	50.8	15.5	2.8	57
Southern States	SS E83462	104.4	35.0	15.6	2.0	56
AVERAGES		165.6	72.7	15.3	2.2	60
L.S.D. (.10)		28.0				
C.V. (%)		17.7				
STD. ERR. OF ENTRY MEAN		12.0	DF=205			

TABLE 20. CORN HYBRID PERFORMANCE - DRYLAND- PIEDMONT BOTTOMLAND:
 CALHOUN FIELD LABORATORY, CLEMSON, SC.
 2004 DATA
 MEANS ADJUSTED BY LATTICE PROCEDURE

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)
DEKALB	DKC69-71 (RR2/YGCB)	206.8
Trisler by Augusta	T-04-102 CB	201.3
NK	N91-R9	197.8
Pioneer	32D99	193.6
Pioneer	31N27	188.0
Trisler by Augusta	T5338CB	184.9
Trisler by Augusta	T5337CBRR	184.4
TERRAL	TVX23R404	183.1
TERRAL	TV2140nRR	182.9
TERRAL	TVX26B401	181.9
TERRAL	TVX25R401	181.2
TERRAL	TV25BR23	180.5
Trisler by Augusta	T-04-103 CB	179.8
Augusta	9552CL	178.9
NK	N82-A7	176.9
Augusta	3158	175.5
Pioneer	31R88	174.2
TERRAL	TVX26BR401	172.9
Pioneer	31G66	170.6
TERRAL	TVX23R401	169.3
Trisler by Augusta	T-04-104 RR	169.0
Augusta	3157	168.3
Pioneer	33V15	167.5
Pioneer	32W86	166.6
Garst	8200YG1	165.1
TERRAL	TV2160Bt	163.3
Southern States	894 RR	161.3
Augusta	3562	161.2
Pioneer	31G98	157.8
Southern States	842RR	157.2
Southern States	SS 900 BT	157.1
DEKALB	DKC66-80 (RR2)	156.0
DEKALB	DKC67-60 (RR2)	153.8
Pioneer	33M54	150.8
Pioneer	32R25	149.8
ASGROW	RX752RR/YG	144.8
Augusta	9561	139.3
Pioneer	31B13	135.2
DEKALB	DKC63-81 (RR2/YGCB)	131.2
Garst	8292YG1	117.8
DEKALB	DKC60-19 (RR2/YGCB)	111.9
Southern States	SS E83462	107.7
AVERAGES		165.6
L.S.D. (.10)		20.5
C.V. (%)		15.7
STD. ERR. OF ENTRY MEAN		11.3 DF=205
R-SQUARED		0.63
RELAVITE EFFICIENCY TO A RCBD		112.6%

TABLE 21. CORN HYBRID PERFORMANCE - 2-ENVIRONMENT AVERAGES:
BLACKVILLE AND FLORENCE DRY LAND TRIALS
2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Garst	8200YG1	128.9	98.8	15.1	2.2	59
Pioneer	33V15	128.3	99.0	14.7	2.2	61
Southern States	SS 900 BT	127.0	98.0	15.0	1.6	58
Pioneer	32D99	126.8	100.0	15.5	2.4	56
Garst	8292YG1	124.8	100.0	15.0	2.0	59
Southern States	894 RR	123.4	99.0	14.5	2.4	56
Trisler by Augusta	T5338CB	123.4	96.0	14.3	2.6	56
Pioneer	31G98	118.9	98.8	14.4	2.0	59
Pioneer	33M54	118.2	99.8	14.7	2.2	61
TERRAL	TV25BR23	116.3	100.0	14.5	2.0	57
Pioneer	31G66	116.3	98.0	14.8	2.2	58
TERRAL	TV2160Bt	115.5	94.0	14.9	2.6	59
Trisler by Augusta	T-04-102 CB	113.5	99.8	15.1	1.6	59
Trisler by Augusta	T5337CBRR	111.7	100.0	14.8	2.0	57
Trisler by Augusta	T-04-103 CB	111.1	98.0	15.0	1.8	60
DEKALB	DKC69-71 (RR2/YGCB)	111.1	99.8	15.3	2.6	59
TERRAL	TVX26BR401	110.6	96.0	14.3	2.4	57
Pioneer	31B13	109.7	96.0	14.6	2.6	58
Pioneer	32W86	109.3	94.0	14.5	2.6	59
Augusta	9552CL	109.0	99.0	14.6	2.2	57
TERRAL	TV2140nRR	108.2	99.6	14.3	2.4	57
TERRAL	TVX23R404	108.2	99.0	15.0	1.6	60
Augusta	3158	107.5	100.0	15.4	2.2	59
DEKALB	DKC66-80 (RR2)	106.6	99.0	14.1	1.0	59
DEKALB	DKC63-81 (RR2/YGCB)	106.1	100.0	13.9	2.0	60
Pioneer	32R25	105.9	100.0	14.4	2.6	57
Pioneer	31N27	105.0	99.4	15.4	2.6	58
Southern States	842RR	104.0	98.0	15.7	2.2	56
Augusta	9561	100.6	99.2	15.6	2.0	59
NK	N82-A7	99.5	100.0	14.9	1.8	58
Southern States	SS E83462	97.6	99.8	14.1	2.0	57
Augusta	3157	96.5	100.0	15.5	2.6	59
TERRAL	TVX25R401	95.7	99.6	15.0	2.2	59
Augusta	3562	95.0	99.0	14.8	3.2	57
Trisler by Augusta	T-04-104 RR	95.0	98.0	14.9	2.2	59
TERRAL	TVX23R401	94.2	99.0	15.4	2.0	59
DEKALB	DKC67-60 (RR2)	94.1	100.0	15.1	1.4	60
TERRAL	TVX26B401	93.9	99.2	15.0	2.2	60
Pioneer	31R88	92.1	100.0	14.7	2.6	58
NK	N91-R9	91.7	96.0	15.5	2.0	58
DEKALB	DKC60-19 (RR2/YGCB)	91.6	99.0	13.8	3.6	57
ASGROW	RX752RR/YG	81.1	100.0	14.2	2.8	57
AVERAGES		107.7	98.8	14.8	2.2	58
L.S.D. (.10)		16.5				
C.V. (%)		22.8				

TABLE 22. CORN HYBRID PERFORMANCE - 2-ENVIRONMENT AVERAGES:
BLACKVILLE AND FLORENCE IRRIGATED TRIALS
2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	31G66	170.6	68.0	15.5	1.2	58
Pioneer	32W86	165.6	81.0	15.4	2.2	59
Pioneer	31N27	165.0	77.0	15.9	1.8	60
Pioneer	31G98	163.9	71.0	15.3	2.2	59
Pioneer	32D99	163.0	60.8	15.9	1.8	57
Southern States	SS 900 BT	161.6	84.0	15.5	1.8	57
Garst	8292YG1	160.9	76.0	15.8	1.8	58
NK	N91-R9	158.7	75.0	16.3	1.8	59
TERRAL	TV25BR23	156.5	87.0	14.9	2.0	57
TERRAL	TV2140nRR	155.2	76.8	15.2	1.8	57
Pioneer	31R88	154.0	81.0	15.7	2.4	59
Trisler by Augusta	T5338CB	153.5	85.8	14.7	2.2	55
Pioneer	32R25	153.4	70.8	15.5	2.6	59
Garst	8200YG1	153.3	94.0	15.6	1.0	58
DEKALB	DKC69-71 (RR2/YGCB)	152.5	81.4	15.6	2.0	59
Trisler by Augusta	T-04-102 CB	151.1	83.0	15.5	2.0	58
Southern States	894 RR	150.6	68.0	15.3	2.0	57
Trisler by Augusta	T5337CBRR	148.5	71.0	15.1	2.2	56
TERRAL	TVX25R401	147.2	81.8	15.8	2.0	58
TERRAL	TVX26B401	145.5	81.0	16.1	1.2	60
Pioneer	33M54	145.5	87.0	15.8	2.2	60
Southern States	842RR	144.3	73.8	16.1	2.0	55
Augusta	3562	143.0	72.0	15.6	2.4	59
Augusta	3157	142.8	91.6	16.0	2.2	60
TERRAL	TVX23R401	142.4	84.0	16.1	2.2	60
TERRAL	TVX23R404	142.2	93.0	15.8	1.8	60
Augusta	3158	141.8	87.8	15.9	2.6	57
Southern States	SS E83462	141.4	91.2	14.9	1.4	57
Trisler by Augusta	T-04-104 RR	139.9	65.4	15.5	2.2	59
DEKALB	DKC66-80 (RR2)	139.8	94.8	14.8	1.2	58
Pioneer	33V15	139.7	66.8	15.3	2.2	60
Augusta	9552CL	139.1	64.0	15.2	1.8	58
Trisler by Augusta	T-04-103 CB	138.9	87.6	15.8	1.6	60
NK	N82-A7	138.6	87.0	15.4	1.8	57
DEKALB	DKC67-60 (RR2)	138.4	90.4	15.7	1.2	60
TERRAL	TVX26BR401	138.0	97.8	15.1	2.6	57
Pioneer	31B13	133.7	70.8	15.4	2.6	58
DEKALB	DKC63-81 (RR2/YGCB)	133.1	82.2	14.8	2.6	60
TERRAL	TV2160Bt	120.6	60.0	16.1	2.2	59
ASGROW	RX752RR/YG	118.5	82.0	14.9	2.4	58
Augusta	9561	114.0	79.0	15.8	2.2	60
DEKALB	DKC60-19 (RR2/YGCB)	104.2	92.0	15.1	2.0	58
AVERAGES		145.5	79.9	15.5	2.0	58
L.S.D. (.10)		17.4				
C.V. (%)		17.8				

TABLE 23. CORN HYBRID PERFORMANCE - 5-ENVIRONMENT AVERAGES:
 CLEMSON, BLACKVILLE AND FLORENCE DRY LAND TRIALS
 BLACKVILLE AND FLORENCE IRRIGATED TRIALS
 2004 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	32D99	155.2	74.6	15.6	2.2	57
Pioneer	31G66	148.4	77.7	15.1	1.8	58
Trisler by Augusta	T5338CB	148.0	91.5	14.5	2.3	56
DEKALB	DKC69-71 (RR2/YGCB)	147.3	92.9	15.4	2.4	60
Southern States	SS 900 BT	146.9	78.7	15.3	1.6	58
Trisler by Augusta	T-04-102 CB	146.2	90.9	15.2	1.7	59
Garst	8200YG1	146.1	85.1	15.3	1.5	59
Pioneer	31G98	145.7	80.2	14.8	2.2	59
Pioneer	31N27	145.1	85.9	15.5	2.1	59
TERRAL	TV25BR23	144.7	91.8	14.8	1.9	57
Pioneer	32W86	143.5	79.3	15.0	2.5	60
TERRAL	TV2140nRR	142.8	76.3	14.9	1.9	58
Southern States	894 RR	141.4	73.5	15.0	2.0	57
Trisler by Augusta	T5337CBRR	140.8	80.7	14.9	2.1	57
Pioneer	33V15	140.2	82.7	14.9	2.0	61
NK	N91-R9	139.9	82.3	15.8	1.9	59
Garst	8292YG1	138.4	69.3	15.6	2.1	59
TERRAL	TVX23R404	136.3	96.3	15.3	1.9	60
Pioneer	33M54	136.2	95.1	15.2	2.5	60
Trisler by Augusta	T-04-103 CB	135.7	92.9	15.1	1.6	61
Augusta	9552CL	135.3	76.0	14.9	1.9	58
Pioneer	32R25	134.4	71.9	15.1	2.5	58
Augusta	3158	134.0	93.9	15.5	2.6	58
TERRAL	TVX26BR401	133.4	93.8	14.6	2.1	58
TERRAL	TVX25R401	133.2	90.1	15.3	2.3	59
Pioneer	31R88	133.1	91.6	15.1	2.7	59
TERRAL	TVX26B401	131.6	87.0	15.5	1.7	61
NK	N82-A7	130.2	80.9	15.2	1.7	58
DEKALB	DKC66-80 (RR2)	129.8	95.7	14.8	1.3	59
Augusta	3157	129.7	96.5	15.6	2.4	60
Southern States	842RR	129.5	71.7	15.8	2.4	56
TERRAL	TVX23R401	129.2	93.1	15.7	2.3	60
Augusta	3562	128.0	84.3	15.4	3.1	58
TERRAL	TV2160Bt	127.6	66.7	16.1	2.5	59
Trisler by Augusta	T-04-104 RR	127.0	82.5	15.3	2.1	59
Pioneer	31B13	124.6	69.3	15.2	2.5	59
DEKALB	DKC67-60 (RR2)	123.5	90.1	15.2	1.3	60
DEKALB	DKC63-81 (RR2/YGCB)	121.6	80.1	14.5	2.5	60
Southern States	SS E83462	116.5	75.3	14.7	1.8	57
Augusta	9561	114.8	86.9	15.7	2.4	60
ASGROW	RX752RR/YG	109.3	83.0	14.8	2.7	57
DEKALB	DKC60-19 (RR2/YGCB)	100.2	80.6	14.6	2.8	57
AVERAGES		134.4	83.8	15.2	2.1	59
L.S.D. (.10)		11.1				
C.V. (%)		19.4				