

TABLE 1. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:  
EDISTO RESEARCH AND EDUCATION CENTER, BLACKVILLE, SC.  
2006 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	TEST WEIGHT (LB/BU)
Augusta	A5338	219.1	80.0	11.1	60
TERRAL	TVX25BR604	211.7	90.0	11.7	61
Pioneer	31G96	211.3	85.0	11.0	61
Pioneer	31N26 (RR2)	209.1	85.0	11.1	62
Augusta	A-0602HX	208.4	70.0	11.5	61
DEKALB	DKC67-23 (RR2/YGCB)	205.4	70.0	11.5	61
Augusta	A-106-06	201.9	70.0	11.2	62
Trisler by Augusta	T-06-03CB	200.7	43.3	10.6	59
Trisler by Augusta	T-05-135RR	198.9	80.0	11.6	59
AgraTech	760RR	198.2	83.3	11.4	62
Pioneer	31G68 (YGCB)	197.7	100.0	12.0	61
Pioneer	31P41	196.6	80.0	11.1	62
AgraTech	797RR	196.3	75.0	11.8	61
DEKALB	DKC61-72 (RR2)	195.9	30.0	11.5	61
DEKALB	DKC66-23 (RR2/YGCB)	195.5	75.0	10.9	61
Pioneer	33V15	195.3	100.0	11.4	62
TERRAL	TV26B34	193.6	80.0	11.0	61
Augusta	A-04-102	193.5	100.0	11.8	59
DEKALB	DKC64-27 (RR2)	193.4	100.0	11.7	61
TERRAL	TV26BR41	193.0	75.0	11.5	61
DEKALB	DKC69-71 (RR2/YGCB)	192.5	73.3	11.5	61
Southern States	842 RR/YGCB	192.3	95.0	11.3	60
Augusta	A5337	192.2	35.0	11.9	61
Trisler by Augusta	T-06-09RRCB	192.0	75.0	12.4	61
Trisler by Augusta	T-5175RRCRW	191.3	75.0	10.6	61
Augusta	A-106-07	191.3	80.0	11.0	62
Augusta	A-06-13	190.6	100.0	11.7	60
Pioneer	31D58	190.5	90.0	11.7	62
Trisler by Augusta	T-5337PLRR	189.7	50.0	11.0	62
Garst	8295 YG1/RR	187.7	100.0	12.1	61
Trisler by Augusta	T-06-14CBRR	186.9	65.0	11.2	59
Trisler by Augusta	T-04-102 CB	186.4	85.0	11.2	61
Pioneer	31R87 (RR2)	186.0	65.0	10.5	62
Garst	8225 YG1/RR	185.7	100.0	10.8	61
DEKALB	DKC61-45 (RR2/YGCB)	184.3	100.0	11.3	61
Trisler by Augusta	T5338APLRR	183.9	100.0	11.9	61
Trisler by Augusta	T-5338PLRR	183.3	100.0	11.5	58
Garst	8364 YG1/RR	180.9	100.0	11.1	60
Pioneer	33M53	180.2	90.0	11.4	62
Garst	8247 YG1	178.3	100.0	11.9	61
Southern States	777RRYGPL	177.3	85.0	11.5	60
TERRAL	TV25R31	176.9	100.0	11.7	62
DEKALB	DKC63-81 (RR2/YGCB)	176.9	70.0	11.8	60
Southern States	804RR	174.2	60.0	10.8	61
Augusta	A-106-05	172.8	87.5	11.2	57
DEKALB	DKC63-46 (RR2/YGCB)	170.1	100.0	10.6	61
Southern States	783RR2YGCB	168.8	100.0	11.1	59
Trisler by Augusta	T-06-06CB	167.1	86.7	11.3	61
ASGROW	RX940RR2	162.9	95.0	11.9	62
Trisler by Augusta	T-05-27CB	155.0	40.0	11.4	60
AVERAGES		189.3	79.8	11.4	61
L.S.D. (.10)		32.6			
C.V. (%)		16.6			
STD. ERR. OF ENTRY MEAN		14.0	DF=200		

TABLE 2. CORN HYBRID PERFORMANCE - IRRIGATED TRIAL - COASTAL PLAIN:  
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.  
 2006 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	TEST WEIGHT (LB/BU)
Pioneer	33M53	154.0	79	100.0	11.2	58
Southern States	783RR2YGCB	153.8	78	85.0	10.5	59
Pioneer	31N26 (RR2)	148.7	79	100.0	9.8	58
Trisler by Augusta	T-06-03CB	139.2	76	97.5	11.0	59
Augusta	A-106-05	139.1	76	100.0	11.3	58
Pioneer	31G68 (YGCB)	135.8	76	95.0	10.6	58
DEKALB	DKC66-23 (RR2/YGCB)	135.4	74	100.0	10.6	58
Trisler by Augusta	T-5338PLRR	134.6	77	100.0	11.0	58
TERRAL	TV26BR41	134.3	78	100.0	10.5	58
Augusta	A-06-13	134.3	79	100.0	10.0	58
Garst	8295 YG1/RR	134.2	77	87.5	10.2	58
Pioneer	31G96	133.7	80	100.0	10.2	58
Trisler by Augusta	T-05-27CB	132.6	78	100.0	10.6	58
AgraTech	760RR	132.2	80	85.0	10.2	57
Garst	8364 YG1/RR	132.0	79	100.0	10.7	58
Pioneer	33V15	130.3	79	100.0	10.4	58
Trisler by Augusta	T-06-14CBRR	129.7	79	100.0	10.1	58
DEKALB	DKC61-45 (RR2/YGCB)	129.6	77	100.0	10.2	58
Trisler by Augusta	T5338APLRR	129.4	80	95.0	11.2	59
Augusta	A-106-06	128.9	77	95.0	10.6	58
Pioneer	31D58	128.7	79	100.0	11.0	59
Southern States	842 RR/YGCB	128.4	79	100.0	10.8	57
Trisler by Augusta	T-06-09RRCB	126.8	81	100.0	10.0	57
AgraTech	797RR	125.5	81	95.0	11.0	59
Trisler by Augusta	T-04-102 CB	125.2	79	95.0	10.6	57
Southern States	777RRYGPL	125.1	77	100.0	9.4	56
TERRAL	TVX25BR604	124.6	79	95.0	10.6	58
Augusta	A-106-07	124.4	77	100.0	9.9	58
Augusta	A5337	123.6	80	100.0	10.5	58
ASGROW	RX940RR2	123.2	78	100.0	10.2	58
Augusta	A-04-102	122.6	79	95.0	10.9	59
DEKALB	DKC69-71 (RR2/YGCB)	121.3	80	92.5	10.8	58
Pioneer	31P41	121.3	78	100.0	10.4	58
Pioneer	31R87 (RR2)	121.0	79	97.0	10.4	58
Trisler by Augusta	T-5175RRCRW	120.6	77	100.0	10.5	58
Trisler by Augusta	T-5337PLRR	119.0	77	100.0	10.5	58
DEKALB	DKC63-81 (RR2/YGCB)	118.8	77	100.0	10.6	57
DEKALB	DKC63-46 (RR2/YGCB)	118.6	76	100.0	10.6	58
DEKALB	DKC64-27 (RR2)	118.2	76	100.0	10.5	59
Garst	8225 YG1/RR	117.7	77	100.0	10.2	57
Augusta	A5338	117.2	79	88.3	10.0	58
DEKALB	DKC61-72 (RR2)	117.0	76	100.0	10.2	57
DEKALB	DKC67-23 (RR2/YGCB)	116.6	78	100.0	9.9	57
Garst	8247 YG1	115.9	77	100.0	9.9	57
Southern States	804 RR	113.4	76	100.0	10.2	58
TERRAL	TV26B34	112.3	77	100.0	10.3	57
Trisler by Augusta	T-06-06CB	109.5	81	95.0	10.4	57
Augusta	A-0602HX	107.6	79	100.0	10.3	58
TERRAL	TV25R31	107.4	78	92.5	9.7	56
Trisler by Augusta	T-05-135RR	101.2	78	80.0	10.2	57
AVERAGES		125.9	78	96.3	10.4	58
L.S.D. (.10)		25.8				
C.V. (%)		21.5				
STD. ERR. OF ENTRY MEAN		11.0	DF=245			

TABLE 3. CORN HYBRID PERFORMANCE - DRY LAND TRIAL - COASTAL PLAIN:  
 PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE, SC.  
 2006 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	DAYS TO MID-SILK (DAYS)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	TEST WEIGHT (LB/BU)
DEKALB	DKC61-45 (RR2/YGCB)	146.5	77	100.0	8.4	58
DEKALB	DKC67-23 (RR2/YGCB)	145.9	77	100.0	8.4	59
Garst	8247 YG1	145.7	78	100.0	9.0	58
Trisler by Augusta	T-04-102 CB	141.8	78	100.0	8.5	58
Augusta	A-106-05	135.6	77	100.0	7.5	55
Pioneer	31D58	134.9	78	100.0	8.9	60
TERRAL	TV25R31	134.6	78	100.0	8.2	59
DEKALB	DKC64-27 (RR2)	134.5	76	100.0	9.0	60
Trisler by Augusta	T5338PLRR	133.7	77	100.0	8.2	58
Trisler by Augusta	T-5175RRCRW	133.1	78	100.0	7.9	58
Southern States	804 RR	132.7	77	100.0	8.1	56
DEKALB	DKC63-46 (RR2/YGCB)	131.7	77	100.0	8.0	58
TERRAL	TV26B34	131.4	79	96.7	7.6	56
Pioneer	31P41	130.6	78	100.0	8.7	59
TERRAL	TV26BR41	129.7	78	98.3	7.7	57
ASGROW	RX940RR2	127.9	79	96.7	8.9	61
DEKALB	DKC61-72 (RR2)	127.6	77	100.0	7.7	58
Augusta	A-0602HX	125.4	79	100.0	8.1	57
Augusta	A-106-06	124.0	79	100.0	8.0	56
Garst	8225 YG1/RR	123.7	78	100.0	8.0	57
Trisler by Augusta	T-05-27CB	122.7	78	100.0	8.7	58
DEKALB	DKC63-81 (RR2/YGCB)	122.7	77	100.0	7.7	59
Augusta	A5338	122.4	79	100.0	7.2	55
Southern States	783RR2YGCB	122.3	81	100.0	8.8	58
Trisler by Augusta	T-06-09RRCB	121.8	80	100.0	8.5	59
Pioneer	31G68 (YGCB)	121.6	77	99.2	8.2	56
Pioneer	33V15	121.6	77	100.0	9.3	62
AgraTech	797RR	119.7	82	100.0	8.7	58
Trisler by Augusta	T-06-03CB	119.3	77	100.0	7.7	60
Trisler by Augusta	T-05-135RR	119.2	81	100.0	8.0	56
Garst	8295 YG1/RR	118.8	79	100.0	10.1	59
Pioneer	31G96	117.8	81	100.0	8.5	59
Garst	8364 YG1/RR	117.4	80	100.0	8.3	59
Trisler by Augusta	T-06-14CBRR	117.2	79	100.0	8.5	57
Pioneer	31R87 (RR2)	115.9	78	100.0	9.1	60
DEKALB	DKC66-23 (RR2/YGCB)	115.6	78	100.0	7.8	58
Pioneer	31N26 (RR2)	115.2	81	100.0	9.6	62
Augusta	A-04-102	114.4	79	100.0	8.2	58
AgraTech	760RR	113.9	81	100.0	8.2	58
Southern States	777RRYGPL	112.2	78	100.0	8.2	58
Trisler by Augusta	T-06-06CB	112.2	81	100.0	8.6	58
DEKALB	DKC69-71 (RR2/YGCB)	111.5	82	100.0	8.7	59
TERRAL	TVX25BR604	110.9	77	96.7	8.7	56
Augusta	A-06-13	109.9	79	100.0	8.3	57
Pioneer	33M53	109.0	79	100.0	9.3	61
Trisler by Augusta	T-5338PLRR	108.9	81	100.0	6.8	55
Augusta	A-106-07	108.7	77	100.0	8.9	56
Augusta	A5337	106.7	79	100.0	7.5	56
Trisler by Augusta	T-5337PLRR	103.6	78	98.3	8.0	58
Southern States	842 RR/YGCB	99.2	80	100.0	7.9	52
AVERAGES		122.5	78	99.7	8.3	58
L.S.D. (.10)		18.6				
C.V. (%)		15.9				
STD. ERR. OF ENTRY MEAN		8.0	DF=245			

TABLE 4. CORN HYBRID PERFORMANCE - DRY LAND- PIEDMONT BOTTOMLAND;  
CALHOUN FIELD LABORATORY, CLEMSON, SC.  
2006 DATA

COMPANY OR BRAND NAME	HYBRID	YIELD (BU/A)	STANDING PLANTS (PCT)	HARVEST MOISTURE (PCT)	HUSK COVERAGE	TEST WEIGHT (LB/BU)
Pioneer	31P41	282.6	100.0	13.2	1.7	59
Garst	8247 YG1	270.6	100.0	13.4	1.7	59
Pioneer	31G96	269.6	100.0	12.8	2.0	60
Pioneer	31N26 (RR2)	265.0	100.0	14.0	1.7	61
Pioneer	33M53	261.7	100.0	13.2	1.3	61
DEKALB	DKC66-23 (RR2/YGCB)	261.1	99.7	13.0	3.3	58
Pioneer	31D58	257.6	100.0	13.4	1.7	60
Trisler by Augusta	T-05-135RR	257.0	100.0	13.1	1.3	58
Trisler by Augusta	T-05-27CB	255.3	100.0	13.4	1.3	59
DEKALB	DKC61-45 (RR2/YGCB)	251.5	100.0	11.6	2.0	59
Augusta	A-0602HX	248.0	100.0	12.8	1.0	58
DEKALB	DKC61-72 (RR2)	247.8	100.0	11.8	2.3	58
DEKALB	DKC67-23 (RR2/YGCB)	244.2	100.0	13.8	2.7	59
TERRAL	TV26B34	244.1	100.0	13.1	1.0	57
Augusta	A5338	241.2	100.0	12.2	1.0	56
TERRAL	TV26BR41	241.0	100.0	13.0	2.3	58
DEKALB	DKC64-27 (RR2)	240.6	100.0	12.3	2.7	63
Trisler by Augusta	T-5338PLRR	238.8	100.0	12.8	1.7	56
Trisler by Augusta	T-06-06CB	236.5	100.0	13.8	2.0	59
ASGROW	RX940RR2	236.1	100.0	13.8	1.0	61
Trisler by Augusta	T5338APLRR	235.7	99.7	12.6	1.7	57
Trisler by Augusta	T-04-102 CB	235.3	100.0	12.6	1.0	60
AgraTech	797RR	234.7	100.0	13.6	1.7	60
Garst	8295 YG1/RR	234.3	99.3	13.7	1.0	59
Trisler by Augusta	T-5175RRCRW	234.2	100.0	11.9	2.0	59
Augusta	A-04-102	233.7	100.0	13.3	1.7	58
DEKALB	DKC69-71 (RR2/YGCB)	233.4	100.0	13.8	1.3	60
Pioneer	33V15	232.5	99.7	12.4	1.7	62
Augusta	A-06-13	231.7	100.0	13.2	1.0	59
Southern States	777RRYGPL	229.1	100.0	13.3	1.7	59
Trisler by Augusta	T-06-14CBRR	229.0	100.0	13.3	1.3	60
Southern States	783RR2YGCB	228.6	100.0	13.4	3.0	60
TERRAL	TV25R31	228.6	99.7	13.0	1.7	59
AgraTech	760RR	228.0	100.0	13.3	1.7	60
Trisler by Augusta	T-06-03CB	227.4	100.0	12.2	2.3	61
Trisler by Augusta	T-5337PLRR	226.4	99.7	12.6	1.7	59
Southern States	842 RR/YGCB	226.3	98.0	13.4	2.7	56
Pioneer	31R87 (RR2)	226.2	99.7	12.9	2.7	61
Pioneer	31G68 (YGCB)	225.8	100.0	13.4	1.3	59
Trisler by Augusta	T-06-09RRCB	225.2	100.0	13.6	2.7	59
DEKALB	DKC63-46 (RR2/YGCB)	223.9	100.0	12.2	3.0	59
Augusta	A5337	218.8	100.0	12.9	1.7	57
Garst	8225 YG1/RR	215.7	100.0	12.6	1.0	58
Augusta	A-106-05	215.5	100.0	12.2	2.0	56
DEKALB	DKC63-81 (RR2/YGCB)	211.2	98.0	12.2	2.0	61
Southern States	804RR	211.1	99.7	12.2	1.0	60
Augusta	A-106-07	210.5	99.7	13.4	1.0	59
Augusta	A-106-06	210.3	100.0	12.1	2.3	58
Garst	8364 YG1/RR	208.5	99.7	12.8	2.0	61
TERRAL	TVX25BR604	207.8	99.7	13.3	1.7	58
AVERAGES		235.8	99.8	13.0	1.8	59
L.S.D. (.10)		23.3				
C.V. (%)		10.4				
STD. ERR. OF ENTRY MEAN		10.0	DF=245			