

TABLE 1. IRRIGATED ROUNDUP RESISTANT SOYBEAN VARIETY PERFORMANCE:
 COASTAL PLAIN: EDISTO RESEARCH AND EDUCATION CENTER,
 BLACKVILLE, SC

COMPANY OR BRAND NAME	VARIETY OR STRAIN	2006 DATA		
		YIELD (BU/A)	PLANT HEIGHT (IN)	LODGING
MATUREITY GROUP V				
AGSouth Genetics	AGS 568 RR	56.7	35	1.2
USG	7582nRR	54.8	35	1.0
SO. STATES	RT 5930N	53.9	34	1.3
ASGROW	AG5905	52.3	40	1.0
SO. STATES	RT 5760N	52.0	35	1.0
USG	540nRR	51.8	35	1.0
D&PL	DPX5914RR	50.9	31	1.2
USG	75M74	50.2	30	1.0
D&PL	DP 5915 RR	49.0	34	1.0
SO. STATES	RT 5960N	47.9	37	1.0
SO. STATES	RT 5951N	47.9	27	1.2
D&PL	DP 5634 RR	45.5	38	1.2
D&PL	DPX5115RR/S	44.4	42	1.0
AVERAGES		50.6	35	1.1
L.S.D. (.10)		NS		
C.V. (%)		9.2		
STD. ERROR OF ENTRY MEAN		2.7 DF=24		
R-SQUARED		0.50		

TABLE 2. IRRIGATED ROUNDUP RESISTANT SOYBEAN VARIETY PERFORMANCE:
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COMPANY OR BRAND NAME	VARIETY OR STRAIN	2006 DATA		
		YIELD (BU/A)	PLANT HEIGHT (IN)	LODGING
MATURITY GROUP VI				
DEKALB	DKB64-51	52.4	36	1.0
SO. STATES	RT 6451N	50.7	34	1.2
SO. STATES	RT 6202N	50.3	41	1.5
USG	620nRR	50.0	39	1.3
USG	7635nRR	49.7	35	1.0
D&PL	DP 6568 RR	49.2	36	1.0
Pioneer	96M60	49.2	37	1.0
ASGROW	AG6301	48.5	37	1.5
ASGROW	AG6702	48.3	33	1.0
D&PL	DP 6880 RR	47.1	37	1.2
SO. STATES	RT 6600N	46.5	35	1.0
SO. STATES	RT 6999N	46.3	35	1.0
USG	7645nRR	45.2	42	1.2
USG	7665nRR	44.8	30	1.0
C.U.	SC03-9093	43.7	36	1.2
C.U.	SC02-011	43.6	38	1.3
C.U.	SC03-9091	41.6	37	1.0
AVERAGES		47.5	36	1.1
L.S.D. (.10)		NS		
C.V. (%)		14.8		
STD. ERROR OF ENTRY MEAN		4.1	DF=32	
R-SQUARED		0.33		

TABLE 3. IRRIGATED ROUNDUP RESISTANT SOYBEAN VARIETY PERFORMANCE:
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 BLACKVILLE, SC

COMPANY OR BRAND NAME	VARIETY OR STRAIN	2006 DATA		
		YIELD (BU/A)	PLANT HEIGHT (IN)	LODGING
MATURITY GROUP VII & VIII				
D&PL	DPX7330RR	52.8	36	1.2
D&PL	DP 7870 RR	52.3	42	1.7
D&PL	DP 7220 RR	52.2	40	1.3
USG	7732nRR	50.4	46	2.0
UGA	G04-G2261	50.4	36	1.7
SO. STATES	RT 7350N	49.5	30	1.5
C.U.	SC01-783A	49.4	34	1.2
C.U.	SC02-208	48.8	37	1.5
DEKALB	DK H7242RR	48.4	39	1.5
ASGROW	AG7601	47.7	42	1.7
Pioneer	97B52	47.4	39	1.8
AGSouth Genetics	AGS 758 RR	47.3	38	1.8
C.U.	SC02-176	46.8	43	2.0
C.U.	SC01-783	46.6	33	1.2
C.U.	SC02-163	46.4	39	1.5
C.U.	SC01-809	46.2	34	1.2
SO. STATES	RT 7499N	45.8	36	1.2
C.U.	SC02-134	45.4	40	2.0
C.U.	SC00-643	44.3	41	1.3
C.U.	SC01-819	43.7	36	1.0
C.U.	SC01-796	43.3	44	1.2
C.U.	SC01-803	42.8	37	1.5
AVERAGES		47.6	38	1.5
L.S.D. (.10)		NS		
C.V. (%)		10.0		
STD. ERROR OF ENTRY MEAN		2.8	DF=42	
R-SQUARED		0.51		