

TABLE 4. ROUNDUP RESISTANT SOYBEAN VARIETY PERFORMANCE:  
 COASTAL PLAIN: PEE DEE RESEARCH AND EDUCATION CENTER,  
 FLORENCE, SC

COMPANY OR BRAND NAME	VARIETY OR STRAIN	2006 DATA		
		YIELD (BU/A)	PLANT HEIGHT (IN)	LODGING
MATURITY GROUP V				
AGSouth Genetics	AGS 568 RR	55.0	30	1.2
ASGROW	AG5905	52.8	33	1.0
USG	75M74	50.4	26	1.0
D&PL	DP 5915 RR	49.9	28	1.0
SO. STATES	RT 5951N	48.3	30	1.0
D&PL	DPX5914RR	47.7	26	1.0
SO. STATES	RT 5760N	46.3	26	1.0
SO. STATES	RT 5960N	44.2	28	1.2
USG	540nRR	43.8	27	1.0
SO. STATES	RT 5930N	43.8	28	1.2
D&PL	DP 5634 RR	43.6	31	1.0
USG	7582nRR	43.5	28	1.2
D&PL	DPX5115RR/S	34.7	34	1.0
AVERAGES		46.5	29	1.0
L.S.D. (.10)		6.7		
C.V. (%)		10.4		
STD. ERROR OF ENTRY MEAN		2.8	DF=24	
R-SQUARED		0.69		

TABLE 5. ROUNDUP RESISTANT SOYBEAN VARIETY PERFORMANCE:  
 COASTAL PLAIN: PEE DEE RESEARCH AND EDUCATION CENTER,  
 FLORENCE, SC

COMPANY OR BRAND NAME	VARIETY OR STRAIN	2006 DATA		
		YIELD (BU/A)	PLANT HEIGHT (IN)	LODGING
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MATURITY GROUP VI				
C.U.	SC03-9091	63.2	35	1.2
DEKALB	DKB64-51	62.0	31	1.2
USG	7665nRR	60.7	34	1.5
SO. STATES	RT 6600N	60.4	33	1.2
SO. STATES	RT 6451N	60.1	30	1.2
ASGROW	AG6702	59.3	32	1.0
C.U.	SC03-9093	58.5	35	1.2
SO. STATES	RT 6999N	58.1	36	1.2
C.U.	SC02-011	57.9	33	1.2
Pioneer	96M60	57.7	34	1.0
D&PL	DP 6568 RR	56.9	30	1.5
USG	620nRR	56.8	37	1.0
D&PL	DP 6880 RR	56.1	36	1.5
ASGROW	AG6301	55.7	31	1.5
USG	7635nRR	54.2	30	1.0
SO. STATES	RT 6202N	51.9	34	1.0
USG	7645nRR	45.3	34	1.0
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AVERAGES		57.3	33	1.2
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L.S.D. (.10)		NS		
C.V. (%)		9.7		
STD. ERROR OF ENTRY MEAN		3.2 DF=32		
R-SQUARED		0.48		
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TABLE 6. ROUNDUP RESISTANT SOYBEAN VARIETY PERFORMANCE:  
 COASTAL PLAIN: PEE DEE RESEARCH AND EDUCATION CENTER,  
 FLORENCE, SC

COMPANY OR BRAND NAME	VARIETY OR STRAIN	2006 DATA		
		YIELD (BU/A)	PLANT HEIGHT (IN)	LODGING
MATURITY GROUP VII & VIII				
D&PL	DP 7870 RR	68.0	33	1.5
C.U.	SC01-783A	65.9	35	1.0
C.U.	SC02-208	64.4	33	1.0
D&PL	DPX7330RR	63.2	31	1.0
C.U.	SC01-809	62.4	29	1.0
C.U.	SC02-134	62.1	34	1.0
C.U.	SC01-803	61.4	32	1.2
C.U.	SC02-163	61.2	37	1.5
SO. STATES	RT 7350N	61.2	26	1.2
C.U.	SC01-796	60.5	37	1.7
SO. STATES	RT 7499N	60.1	32	1.2
C.U.	SC00-643	60.1	34	1.2
Pioneer	97B52	60.0	33	1.3
ASGROW	AG7601	59.6	35	1.3
C.U.	SC02-176	59.2	34	1.2
UGA	G04-G2261	58.9	32	1.0
AGSouth Genetics	AGS 758 RR	58.9	31	1.2
DEKALB	DK H7242RR	58.8	35	1.0
USG	7732nRR	58.3	35	1.3
C.U.	SC01-783	57.6	31	1.2
C.U.	SC01-819	57.4	31	1.0
D&PL	DP 7220 RR	52.8	34	1.2
AVERAGES		60.5	33	1.2
L.S.D. (.10)		NS		
C.V. (%)		7.7		
STD. ERROR OF ENTRY MEAN		2.7 DF=42		
R-SQUARED		0.42		