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**Table 1. Performance of Maturity Group III
Soybean Varieties Across 4 Locations in 2011.**

Entry No.	Entry Name	4-Loc Avg Yld	DLRS Yield	MRRS Yield	RRS Yield	NERS Yield
30	S44-D5 Brand	52	57	52	37	62
141	Progeny 4211	48	57	33	33	68
139	Rev® 44R22TM	45	36	50	29	66
7	Delta Grow 4460RR	44	51	25	35	67
31	S42-T4 Brand	43	51	36	26	58
18	Pioneer 93Y92	42	38	42	35	55
95	Progeny 3911RY	31	31	16	18	61
Variety Average		44	46	36	30	62

**Table 2. Performance of Maturity Group
IV Soybean Varieties Across 4 Locations in 2011.**

Entry No.	Entry Name	4-Loc Avg Yld	DLRS Yield	MRRS Yield	RRS Yield	NERS Yield
9	S08-14087 RR	52	76	35	31	68
98	Progeny 4750RR	52	60	51	29	66
146	Rev® 49R43TM	50	58	49	31	64
12	Pioneer 94Y70	50	53	56	33	59
88	Morsoy Xtra 46X71	50	60	37	32	72
143	Armor X1210	49	55	57	30	54
155	Rev® 48R21TM	49	57	52	25	61
1	Delta Grow 4880RR	49	59	45	29	62
13	Pioneer 94Y80	49	51	38	42	64
11	Pioneer 94Y50	49	54	49	29	62
58	Schillinger 457.RCP	48	54	54	24	61
133	Rev® 47R53TM	48	55	32	34	71
134	Rev® 46R73TM	48	40	52	33	66
103	Progeny 4710RY	47	65	37	24	64
132	Rev® 49R22TM	47	48	52	27	63
129	Rev® 49R11TM	47	63	42	20	63
86	Dyna-Gro 31RY45	47	59	27	33	70
102	Progeny 4611RY	47	55	31	35	66
156	Rev® 49R10TM	47	59	39	28	60
40	Morsoy 4707	47	55	50	22	60
54	Pioneer 94Y82	47	47	35	36	69
135	Rev® 48R10TM	46	50	52	25	59
38	HBK R4729	46	53	49	21	62
96	Progeny 4911Ry	46	59	41	30	55
24	AG4832	46	55	26	36	67
99	Progeny 4807RR	46	47	49	24	64
101	Progeny 4510RY	46	50	34	32	67
131	Rev® 48R33TM	46	49	52	28	53
100	Progeny 4906RR	46	48	35	34	65
125	Rev® 48R22	45	51	50	24	55
147	Dyna-Gro 33G48	45	54	43	28	57
42	Morsoy Xtra 46X29	45	44	38	29	68
104	Progeny 4811RY	45	53	26	33	65
37	HBK R4829	44	50	51	20	55
51	USG 74E88	44	51	49	22	54
94	Delta Grow 4670 R2Y	44	48	25	33	69
85	Dyna-Gro 37RY47	43	58	32	26	58
159	Miami 949LL	43	58	28	30	58
77	HBK RY4721	43	52	27	27	66
8	Delta Grow 4770RR	43	47	39	26	60
97	Progeny 4928LL	43	63	24	29	56
10	S08-17361	43	57	28	28	60

32	S49-H7 Brand	43	48	46	22	55
122	Delta Grow 4875R2Y	42	57	21	31	61
3	Delta Grow 4975RR	42	48	35	25	62
142	Armor X1208	42	50	27	34	60
72	GoSoy 4810 LL	42	53	34	29	55
25	AG4932	42	48	30	30	61
60	Schillinger 495.RC	42	49	32	27	60
2	Delta Grow 4970RR	41	50	33	27	56
145	Armor DK 4744	41	46	30	26	63
59	Schillinger 458.RCS	41	53	24	22	66
123	S46-A1 Brand	40	46	34	25	57
21	JA 4910	40	49	39	26	46
41	Morsoy Xtra 48X00	40	49	28	19	63
75	HALO 4:94	40	51	24	27	57
84	Dyna-Gro 33RY47	40	48	18	32	62
36	HBK R4924	39	42	33	23	59
144	Armor X1211	39	53	28	22	54
39	Morsoy Xtra 47X31	39	46	23	30	57
71	Schillinger 478.RCS	38	53	27	15	58
74	HALO 4:75	38	37	29	28	57
73	HALO 4:65	38	35	30	28	59
138	Rev® 45R10TM	38	38	28	27	59
140	Rev® 47R22TM	38	45	19	33	54
70	Schillinger 4990.RC	37	41	28	19	59
124	Delta Grow 4861LL	36	45	26	25	50
76	HBK R4830	31	36	24	11	53
Variety Average		44	51	36	28	60

Table 3. Performance of Maturity Group V Soybean Varieties Across 4 Locations in 2011.

Entry No.	Entry Name	4-Loc Avg Yld	DLRS Yield	MRRS Yield	RRS Yield	NERS Yield
137	Rev® 56R63TM	48	65	41	32	54
110	Progeny 5711RY	47	61	46	29	53
56	Delta Grow 5625R2Y	47	69	44	22	53
121	Delta Grow 5110R2Y EX	46	65	44	28	49
136	Rev® 51R53TM	46	51	33	35	64
91	Dyna-Gro 39RY57	46	65	44	23	50
105	Progeny 5111RY	45	58	52	24	48
87	Dyna-Gro 32RY55	45	60	45	19	56
67	AGS 597 RR	44	63	38	29	48
50	USG 75Z98	44	57	47	24	49
116	Progeny 5960LL	44	54	43	33	48
27	AG5332	44	62	29	29	57
109	Progeny 5610RY	44	54	44	25	52
26	AG5232	43	56	49	15	55
92	GoSoy 5911 LL	43	53	43	29	49
108	Progeny 5655RY	43	60	38	24	50
63	AGS 5911 LL	43	60	39	27	47
14	Pioneer 95Y01	43	48	33	34	57
17	Pioneer 95Y70	43	61	31	30	48
20	Osage	43	44	42	29	56
52	Pioneer 95Y10	42	52	24	34	60
118	USG 75J90R	42	56	43	20	51
48	Morsoy 5429	42	59	41	22	48
90	Morsoy Xtra 53X51	42	56	41	23	48
55	Delta Grow 5555RR	42	60	34	26	48
33	S54-V4 Brand	42	50	41	24	53
47	Morsoy 5168	42	56	26	31	54
80	HBK RY5121	42	63	37	14	54
113	Progeny 5330RR	42	54	35	21	57
16	Pioneer 95Y31	42	47	38	23	59
152	Armor 55-R22	41	57	39	19	51
45	HBK R5226	41	54	35	29	48
46	Delta Grow 5545RR	41	59	30	25	51
93	Delta Grow 5565R2Y	41	52	37	22	53
34	S57-K3 Brand	41	59	38	23	45
161	Dyna-Gro 35F55	41	55	30	28	52
120	Delta Grow 5656R2Y EX	41	55	40	18	51
127	Dyna-Gro 35P53	41	58	29	22	54
65	AGS 554 RR	40	55	29	26	51
81	HBK RY5220	40	48	41	22	50
79	HALO 5:65	40	52	33	27	49
29	AG5831	40	48	40	20	51

117	USG 75238	40	48	35	28	48
119	Delta Grow 5252R2Y EX	40	54	39	17	49
106	Progeny 5210RY	40	54	30	20	54
111	Progeny 5811RY	40	62	21	21	54
89	Morsoy Xtra 51X11	40	55	37	20	46
43	HBK R5525	39	57	36	19	44
126	Rev® 57R21TM	39	54	35	18	49
53	Pioneer 95Y50	39	46	42	12	55
158	Whitney 1154LL	38	55	26	28	44
107	Progeny 5321RY	38	52	30	29	43
66	AGS 568 RR	38	54	35	18	47
83	HBK RY5521	38	61	23	14	54
115	Progeny 5460LL	38	54	21	28	49
154	Armor 53-R15	38	57	25	18	52
57	Delta Grow 5461LL	38	55	25	26	45
78	HALO 5:25	38	55	23	23	50
15	Pioneer 95Y20	38	49	31	22	49
6	Delta Grow 5280RR	37	47	31	18	54
19	Ozark	37	53	32	18	46
114	Progeny 5261LL	37	50	28	26	45
148	Armor X1213	37	54	24	22	48
69	AGS 6011 LL	37	53	31	18	47
157	Delta Grow 5275R2Y	37	55	20	24	49
62	GoSoy 5111 LL	37	65	21	15	47
49	AG5832	37	50	27	27	42
28	AG5632	36	58	16	18	54
160	Dyna-Gro 37RY52	36	50	20	17	58
4	Delta Grow 5160RR	36	46	22	27	49
61	Schillinger 557.RC	36	58	20	18	47
150	Armor X1216	36	53	24	14	53
64	GoSoy 6111 LL	36	38	42	15	47
151	Armor X1217	35	51	26	17	48
153	Armor DK 5363	35	50	12	29	50
44	HBK R5529	35	56	11	19	55
82	HBK RY5421	35	53	28	13	47
68	Shillinger 5220.RC	35	45	26	20	48
35	S56-G6 Brand	34	53	30	11	43
112	Progeny 5160LL	33	51	12	23	46
128	USG ALLEN RR	32	50	11	25	42
149	Armor X1215	30	29	28	18	45
5	Delta Grow 5300RR	27	40	12	9	50
Variety Average		40	54	32	23	50

Dean Lee Research Station
Maturity Group III and Early IV
Agronomic and Cultural Practices

Maturity Group:	MG III and MG Early IV			
Location:	Dean Lee Research Station, Alexandria, LA			
Irrigated (yes or no):	No			
Irrigation Type:	N/A			
Tillage System:	Fall-Stale			
Soil pH:	7.8			
Organic Matter (%):	<2%			
Soil Texture:	Coushatta silt loam			
Row Spacing (inches):	38			
Plot Length (feet):	25			
Planting Date:	21-Apr			
Harvest Date:	23-Aug			
Seeding Rate (sd/A):	130,000			
Fertilizer Applied 1:	200# of 0-18-36, fall-applied			
Foliar Insecticide 1:	Belt	Rate:	3 oz/A	Date: 8-Aug
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date: 12-Aug
Foliar Insecticide 3:	Orthene 90	Rate:	0.75 lb/A	Date: 18-Aug
Pre Emerge Herb 1:	Charger Max	Rate:	1.2 pt/A	Date: 23-May
Post Herb 1:	Reflex /Charger Max /Basagran	Rate:	1.25 pt/A, 1.2 pt/A, 1 qt/A	Date: 11-May
Post Herb 2:	Section	Rate:	10 oz/A	Date: 23-May
Post Herb 3:	Reflex** /Section	Rate:	1.25 pt/A, 10 oz/A	Date: 29-Jun
Harvest Aid	Gramoxone	Rate:	16 oz/A	Date: 12-Aug

**Applied with post-directed layby rig

Dean Lee Research Station
Maturity Group IV
Agronomic and Cultural Practices

Maturity Group:	MG IV			
Location:	Dean Lee Research Station, Alexandria, LA			
Irrigated (yes or no):	No			
Irrigation Type:	N/A			
Tillage System:	Fall-Stage			
Soil pH:	7.8			
Organic Matter (%):	<2%			
Soil Texture:	Coushatta silt loam			
Row Spacing (inches):	38			
Plot Length (feet):	25			
Planting Date:	21-Apr			
Harvest Date:	16-Sep			
Seeding Rate (sd/A):	130,000			
Fertilizer Applied 1:	200# of 0-18-36, fall-applied			
Foliar Insecticide 1:	Belt	Rate:	3 oz/A	Date: 8-Aug
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date: 12-Aug
Foliar Insecticide 3:	Orthene 90	Rate:	0.75 lb/A	Date: 18-Aug
Pre Emerge Herb 1:	Charger Max	Rate:	1.2pt/A	Date: 11-May
Post Herb 1:	Reflex /Charger Max /Basagran	Rate:	1.25 pt/A, 1.2 pt/A, 1 qt/A	Date: 11-May
Post Herb 2:	Section	Rate:	10 oz/A	Date: 23-May
Post Herb 3:	Reflex** /Section	Rate:	1.25 pt/A, 10 oz/A	Date: 29-Jun
Harvest Aid	Gramoxone	Rate:	16 oz/A	Date: 9-Sep

**Applied with post-directed layby rig

Dean Lee Research Station
Maturity Group V
Agronomic and Cultural Practices

Maturity Group:	MG V			
Location:	Dean Lee Research Station, Alexandria, LA			
Irrigated (yes or no):	No			
Irrigation Type:	N/A			
Tillage System:	Fall-Stale			
Soil pH:	7.8			
Organic Matter (%):	<2%			
Soil Texture:	Coushatta silt loam			
Row Spacing (inches):	38			
Plot Length (feet):	25			
Planting Date:	21-Apr			
Harvest Date:	9/23-9/26			
Seeding Rate (sd/A):	130,000			
Fertilizer Applied 1:	200# of 0-18-36, fall-applied			
Foliar Insecticide 1:	Belt	Rate:	3 oz/A	Date: 18-Aug
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date: 12-Aug
Foliar Insecticide 3:	Orthene 90	Rate:	0.75 lb/A	Date: 18-Aug
Pre Emerge Herb 1:	Charger Max	Rate:	1.2 pt/A	Date: 11-May
Post Herb 1:	Reflex /Charger Max /Basagran	Rate:	1.25 pt/A, 1.2 pt/A, 1 qt/A	Date: 11-May
Post Herb 2:	Section	Rate:	10 oz/A	Date: 23-May
Post Herb 3:	Reflex** /Section	Rate:	1.25 pt/A, 10 oz/A	Date: 29-Jun
Harvest Aid	Gramoxone	Rate:	16 oz/A	Date: 12-Sep

**Applied with post-directed layby rig

Table 4. Performance of Maturity Group III Soybean Varieties at the Dean Lee Research Station in 2011.

Entry No.	Entry Name	2010/2011		Plant		Iron	CB ^e
		Yield ^a	Avg ^a	Height ^b	Lodging ^c	Deficiency ^d	8/5/2011
141	Progeny 4211	57	/	28	2	3.0	2.7
30	S44-D5 Brand	57	46	33	2	3.3	1.0
31	S42-T4 Brand	51	/	30	2	2.7	4.3
7	Delta Grow 4460RR	51	/	31	2	4.3	2.3
18	Pioneer 93Y92	38	37	24	1	3.3	4.7
139	Rev [®] 44R22TM	36	37	26	2	4.3	3.3
95	Progeny 3911RY	31	/	24	1	4.0	5.0
LSD (P=.05)		14.6		7.8	0.4	1.6	1.3
CV%		17.7		15.7	15.0	25.1	22.4
Grand Mean		45.9		28.0	1.6	3.6	3.3

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Plant height in inches at R8 growth stage
- c) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- d) Iron Deficiency = Rated on a scale of 1-9 where 1 = no foliar symptoms and 9 = stunted, chlorotic turning necrotic foliar tissue
- e) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead

Table 5. Performance of Maturity Group IV Soybean Varieties at the Dean Lee Research Station in 2011.

Entry No.	Entry Name	2010/2011			Plant Height ^c	Lodging ^d	Iron Deficiency ^e	CB ^f 8/22/11
		Yield ^a	Avg ^a	Maturity ^b				
9	S08-14087 RR	76	/	120	29	1.8	2.3	3.5
103	Progeny 4710RY	65	60	121	28	1.5	3.3	4.0
129	Rev [®] 49R11TM	63	/	118	30	1.8	5.7	6.5
97	Progeny 4928LL	63	60	125	35	2.5	4.7	2.0
98	Progeny 4750RR	60	58	121	31	2.5	4.0	3.0
88	Morsoy Xtra 46X71	60	/	120	33	2.3	2.3	3.0
156	Rev [®] 49R10TM	59	54	122	36	2.8	2.7	4.5
1	Delta Grow 4880RR	59	55	122	32	1.8	4.0	4.0
86	Dyna-Gro 31RY45	59	/	120	31	1.0	2.7	5.5
96	Progeny 4911Ry	59	/	127	36	3.8	4.7	2.5
146	Rev [®] 49R43TM	58	/	120	28	1.5	3.7	5.5
85	Dyna-Gro 37RY47	58	/	124	29	2.5	2.3	2.5
159	Miami 949LL	58	/	121	32	1.8	3.0	2.5
122	Delta Grow 4875R2Y	57	/	118	34	1.5	4.3	4.5
155	Rev [®] 48R21TM	57	57	126	29	2.5	3.7	3.5
10	S08-17361	57	/	122	33	1.3	1.0	3.0
143	Armor X1210	55	/	123	30	2.3	3.3	4.0
24	AG4832	55	/	123	36	1.5	3.7	4.0
40	Morsoy 4707	55	/	126	31	1.5	4.7	4.0
133	Rev [®] 47R53TM	55	/	120	29	2.5	5.3	5.5
102	Progeny 4611RY	55	/	121	29	1.3	2.7	3.5
11	Pioneer 94Y50	54	/	119	30	2.3	4.0	6.5
58	Schillinger 457.RCP	54	50	119	31	2.8	2.7	7.5
147	Dyna-Gro 33G48	54	52	123	32	1.3	6.7	4.0
38	HBK R4729	53	52	123	29	1.5	4.7	3.5
12	Pioneer 94Y70	53	52	120	25	1.8	5.3	5.5
104	Progeny 4811RY	53	/	118	32	1.8	4.0	5.0
71	Schillinger 478.RCS	53	56	129	31	2.3	6.3	2.5
59	Schillinger 458.RCS	53	52	119	29	1.5	2.3	6.0
72	GoSoy 4810 LL	53	/	124	33	1.8	4.7	3.0
144	Armor X1211	53	52	126	28	2.5	3.0	3.0
77	HBK RY4721	52	/	120	33	1.8	2.7	4.0
75	HALO 4:94	51	54	127	36	1.3	5.0	3.0
51	USG 74E88	51	/	116	33	1.8	6.3	6.5
125	Rev [®] 48R22	51	49	118	30	2.0	7.3	4.5
13	Pioneer 94Y80	51	53	121	30	2.0	4.7	4.5
37	HBK R4829	50	52	124	32	2.5	5.3	4.0
101	Progeny 4510RY	50	53	122	28	1.5	2.3	4.5
142	Armor X1208	50	/	121	34	1.0	2.0	5.5
135	Rev [®] 48R10TM	50	47	121	30	1.3	4.3	4.5
2	Delta Grow 4970RR	50	50	122	33	2.3	5.0	3.0
41	Morsoy Xtra 48X00	49	52	120	27	1.5	4.7	3.5
131	Rev [®] 48R33TM	49	/	121	30	2.0	4.3	5.5
21	UA 4910	49	51	122	33	1.5	6.3	2.5
60	Schillinger 495.RC	49	48	126	31	2.8	7.0	2.0

25	AG4932	48	/	128	33	1.5	3.7	2.5
3	Delta Grow 4975RR	48	50	124	35	2.0	4.7	3.5
32	S49-H7 Brand	48	53	123	32	2.0	4.7	2.5
94	Delta Grow 4670 R2Y	48	/	121	26	2.3	2.3	5.5
100	Progeny 4906RR	48	50	123	31	2.0	2.7	3.0
84	Dyna-Gro 33RY47	48	/	119	29	1.3	2.0	3.0
132	Rev® 49R22TM	48	51	123	34	4.0	6.0	3.0
8	Delta Grow 4770RR	47	50	116	30	1.3	3.3	7.5
99	Progeny 4807RR	47	47	119	30	2.0	4.3	5.0
54	Pioneer 94Y82	47	/	121	32	2.0	2.3	6.5
123	S46-A1 Brand	46	/	122	27	1.5	4.0	5.0
145	Armor DK 4744	46	47	127	28	1.5	5.7	2.5
39	Morsoy Xtra 47X31	46	/	123	35	1.3	3.7	4.0
124	Delta Grow 4861LL	45	47	121	34	1.0	3.0	4.5
140	Rev® 47R22TM	45	47	122	31	1.3	4.0	5.5
42	Morsoy Xtra 46X29	44	50	128	28	1.8	4.0	2.0
36	HBK R4924	42	49	121	36	2.8	7.3	2.5
70	Schillinger 4990.RC	41	47	128	30	2.3	7.0	3.0
134	Rev® 46R73TM	40	/	119	29	1.5	4.3	6.5
138	Rev® 45R10TM	38	/	116	36	1.8	3.7	6.6
74	HALO 4:75	37	/	116	37	1.5	2.3	6.6
76	HBK R4830	36	/	123	34	1.5	6.7	3.5
73	HALO 4:65	35	52	118	28	1.3	5.0	6.5
LSD (P=.05)		12.6		5.7	6.5	1.4	2.4	1.8
CV%		15.2		2.3	10.4	36.4	35.7	21.4
Grand Mean		51.4		121.5	31.0	1.9	4.1	4.2

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Iron Deficiency = Rated on a scale of 1-9 where 1 = no foliar symptoms and 9 = stunted, chlorotic turning necrotic foliar tissue
- f) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead

Table 6. Performance of Maturity Group V Soybean Varieties at the Dean Lee Research Station in 2011.

Entry No.	Entry Name	2010/2011		Maturity ^b	Plant Height ^c	Lodging ^d	Iron Deficiency ^e	CB ^f 8/22/11
		Yield ^a	Avg ^a					
56	Delta Grow 5625R2Y	69	/	141	21	1.5	3.0	4.0
62	GoSoy 5111 LL	65	/	133	21	1.5	1.7	5.0
91	Dyna-Gro 39RY57	65	/	146	22	1.0	3.0	3.0
121	Delta Grow 5110R2Y EX	65	/	130	42	2.5	3.7	4.0
137	Rev [®] 56R63TM	65	/	140	24	1.5	2.7	4.0
67	AGS 597 RR	63	64	147	23	1.3	3.7	4.0
80	HBK RY5121	63	/	132	23	1.5	4.3	5.0
111	Progeny 5811RY	62	/	133	24	1.3	3.7	5.0
27	AG5332	62	/	131	28	2.3	2.7	5.0
17	Pioneer 95Y70	61	59	146	28	1.5	3.0	3.0
110	Progeny 5711RY	61	/	139	23	1.5	2.3	3.0
83	HBK RY5521	61	/	134	27	1.5	4.7	4.0
87	Dyna-Gro 32RY55	60	/	135	24	1.5	3.3	5.0
108	Progeny 5655RY	60	/	136	22	1.5	4.7	4.0
55	Delta Grow 5555RR	60	60	136	23	1.5	3.7	4.0
63	AGS 5911 LL	60	/	146	22	1.3	3.3	4.0
48	Morsoy 5429	59	61	137	26	1.8	3.0	4.0
46	Delta Grow 5545RR	59	/	144	23	1.8	3.0	3.0
34	S57-K3 Brand	59	56	147	22	1.5	3.3	3.0
61	Schillinger 557.RC	58	57	140	24	1.5	4.7	4.0
127	Dyna-Gro 35P53	58	60	132	27	2.3	3.7	5.0
28	AG5632	58	/	144	19	1.0	6.3	4.0
105	Progeny 5111RY	58	/	130	24	1.3	2.7	8.0
50	USG 75Z98	57	/	139	23	1.5	3.0	6.0
154	Armor 53-R15	57	59	132	19	1.5	3.0	5.0
152	Armor 55-R22	57	/	136	24	1.5	3.0	4.0
43	HBK R5525	57	57	140	19	1.3	3.3	3.0
44	HBK R5529	56	54	139	21	1.5	3.3	3.0
90	Morsoy Xtra 53X51	56	/	132	25	2.0	2.3	4.0
118	USG 75J90R	56	/	131	23	1.3	3.7	5.0
26	AG5232	56	/	132	21	1.5	4.3	4.0
47	Morsoy 5168	56	57	136	36	2.8	4.7	3.0
157	Delta Grow 5275R2Y	55	56	133	18	1.5	2.7	5.0
65	AGS 554 RR	55	57	147	24	1.3	2.7	3.0
78	HALO 5:25	55	57	136	16	1.3	3.0	4.0
158	Whitney 1154LL	55	/	132	34	2.0	3.7	4.0
57	Delta Grow 5461LL	55	53	133	34	1.8	6.3	4.0
120	Delta Grow 5656R2Y EX	55	/	137	21	1.5	4.0	4.0
161	Dyna-Gro 35F55	55	59	136	26	1.5	3.3	5.0
89	Morsoy Xtra 51X11	55	/	146	23	1.8	3.7	3.0
109	Progeny 5610RY	54	56	131	28	1.3	3.0	7.0
119	Delta Grow 5252R2Y EX	54	/	132	15	1.0	3.7	6.0
106	Progeny 5210RY	54	57	140	21	1.5	3.3	5.0
115	Progeny 5460LL	54	54	131	33	1.5	5.3	3.0
148	Armor X1213	54	/	131	22	1.3	3.0	5.0
66	AGS 568 RR	54	57	147	24	1.3	3.7	2.0
113	Progeny 5330RR	54	57	132	21	1.8	4.0	4.0
126	Rev [®] 57R21TM	54	53	131	25	1.8	3.0	6.0

116	Progeny 5960LL	54	54	136	23	1.5	3.3	5.0
45	HBK R5226	54	60	132	21	1.5	2.7	5.0
35	S56-G6 Brand	53	54	139	27	1.8	4.3	2.0
92	GoSoy 5911 LL	53	/	143	23	1.3	3.7	3.0
82	HBK RY5421	53	/	131	21	1.3	2.3	7.0
19	Ozark	53	54	133	19	1.3	4.3	5.0
69	AGS 6011 LL	53	/	132	23	1.5	3.0	5.0
150	Armor X1216	53	/	131	19	1.3	3.3	8.0
93	Delta Grow 5565R2Y	52	/	133	25	1.5	3.3	5.0
79	HALO 5:65	52	56	141	25	1.5	3.3	3.0
52	Pioneer 95Y10	52	/	131	29	1.5	3.7	6.0
107	Progeny 5321RY	52	/	134	49	3.5	3.7	3.0
112	Progeny 5160LL	51	52	133	18	1.3	3.3	4.0
136	Rev® 51R53TM	51	/	132	28	2.0	3.7	5.0
151	Armor X1217	51	/	132	19	1.5	4.0	7.0
153	Armor DK 5363	50	54	144	20	1.5	4.7	3.0
33	S54-V4 Brand	50	/	140	22	1.5	3.7	3.0
49	AG5832	50	/	143	50	4.0	3.3	3.0
128	USG ALLEN RR	50	/	147	24	1.3	4.3	3.0
114	Progeny 5261LL	50	/	134	18	1.5	3.0	5.0
160	Dyna-Gro 37RY52	50	53	132	17	1.3	3.3	6.0
15	Pioneer 95Y20	49	48	133	18	1.5	3.3	4.0
117	USG 75Z38	48	/	133	21	1.5	2.3	5.0
29	AG5831	48	51	132	19	1.5	3.3	5.0
14	Pioneer 95Y01	48	51	131	31	1.8	4.3	6.0
81	HBK RY5220	48	54	132	23	1.5	3.7	5.0
6	Delta Grow 5280RR	47	53	140	24	1.8	3.3	5.0
16	Pioneer 95Y31	47	51	131	24	1.5	4.0	7.0
4	Delta Grow 5160RR	46	/	132	31	1.8	4.0	6.0
53	Pioneer 95Y50	46	/	133	23	1.3	3.7	3.0
68	Shillinger 5220.RC	45	/	131	29	1.8	4.0	5.0
20	Osage	44	51	136	19	1.0	5.7	4.0
5	Delta Grow 5300RR	40	48	133	19	1.5	5.0	5.0
64	GoSoy 6111 LL	38	/	135	21	1.8	3.7	5.0
149	Armor X1215	29	/	136	25	1.8	3.7	3.0
LSD (P=.05)		9.9		7.9	5.1	0.7	1.6	
CV%		11.3		2.9	10.6	22.5	27.4	
Grand Mean		54.2		135.8	23.9	1.6	3.6	4.4

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days to reach physiological maturity (R8 growth stage)
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Iron Deficiency = Rated on a scale of 1-9 where 1 = no foliar symptoms and 9 = stunted, chlorotic turning necrotic foliar tissue
- f) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead

Macon Ridge Research Station

All Maturity Groups

Agronomic and Cultural Practices

Maturity Group:	MG III, IV, and V			
Location:	MRRS Winnsboro			
Irrigated (yes or no):	Yes			
Irrigation Type:	furrow			
Tillage System:	Minimum- reshape beds in fall			
Soil pH:	6.4			
Organic Matter (%):	Not available			
Soil Texture:	Gigger silt loam			
Row Spacing (inches):	40			
Row/Plot Length (feet):	20			
Planting Date:	4/20/2011			
Harvest Date:	MG III and IV on 31-Aug; MG V on 12-Sep			
Seeding Rate (sd/A):	120,000			
Fertilizer Applied 1:	None indicated from soil test			
Foliar Insecticide 1:	bifenthrin	Rate:	3 oz/A	Date: 7/18/2011
Foliar Insecticide 2:	bifenthrin + Belt	Rate:	3 oz + 1.5 oz/A	Date: 8/1/2011
Pre Emerge Herb 1:	Linex+Dual	Rate:	1 pt + 1 pt	Date: 20-Apr
Post Herb 1:	Glyphosate* + Blazer + Poast Plus	Rate:	1 qt + 1 pt + 1pt	Date: 7-Jun
Harvest Aid	Gramoxone	Rate:	2 pt	Date: 26-Aug, 8-Sep

*Glyphosate application was applied under the hood.

Table 7. Performance of Maturity Group III and Early IV Soybean Varieties at the Macon Ridge Research Station in 2011.

Entry No.	Entry Name	2010/2011		
		Yield ^a	Avg ^a	Maturity ^b
30	S44-D5 Brand	52	60	128
139	Rev [®] 44R22TM	50	60	126
18	Pioneer 93Y92	42	54	124
31	S42-T4 Brand	36	/	122
141	Progeny 4211	33	/	120
7	Delta Grow 4460RR	25	/	122
95	Progeny 3911RY	16	/	108
LSD (P=.05)		6.9		1.8
CV%		12.8		1.0
Grand Mean		36.2		121.3

a) Yield is expressed in bushels per acre corrected to 13% moisture content

b) Maturity = Number of days between planting and the R8 growth stage

**Table 8. Performance of Maturity Group IV Soybean Varieties
at the Macon Ridge Research Station in 2011.**

Entry No.	Entry Name	2010/2011			Plant		Salt ^e 8/23/11	Salt ^e 8/23/11
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d		
143	Armor X1210	57	/	132	26	1.0	/	/
12	Pioneer 94Y70	56	62	130	26	1.3	/	/
58	Schillinger 457.RCP	54	58	129	29	1.3	/	/
155	Rev [®] 48R21TM	52	64	132	25	1.0	/	/
131	Rev [®] 48R33TM	52	/	128	23	1.8	/	/
132	Rev [®] 49R22TM	52	64	132	30	1.0	/	/
134	Rev [®] 46R73TM	52	/	127	24	1.8	/	/
135	Rev [®] 48R10TM	52	62	130	25	1.5	/	/
37	HBK R4829	51	60	132	21	1.0	/	/
98	Progeny 4750RR	51	61	130	23	1.8	/	/
125	Rev [®] 48R22	50	58	126	24	1.5	/	/
40	Morsoy 4707	50	/	131	24	1.3	/	/
99	Progeny 4807RR	49	59	131	25	1.3	/	/
11	Pioneer 94Y50	49	/	127	21	1.3	/	/
51	USG 74E88	49	/	127	25	1.5	/	/
146	Rev [®] 49R43TM	49	/	129	24	1.8	/	1.8
38	HBK R4729	49	57	130	23	1.8	/	/
32	S49-H7 Brand	46	55	131	26	1.3	/	/
1	Delta Grow 4880RR	45	61	130	24	1.5	/	/
147	Dyna-Gro 33G48	43	57	132	24	1.5	/	/
129	Rev [®] 49R11TM	42	/	127	22	1.0	/	/
96	Progeny 4911Ry	41	/	131	38	1.0	/	/
156	Rev [®] 49R10TM	39	49	125	34	2.5	/	1.8
21	UA 4910	39	55	130	26	1.3	/	1.8
8	Delta Grow 4770RR	39	57	120	30	1.3	2.0	3.0
42	Morsoy Xtra 46X29	38	56	127	27	1.3	2.0	2.3
13	Pioneer 94Y80	38	54	122	25	1.3	/	1.8
88	Morsoy Xtra 46X71	37	/	123	24	1.0	2.0	3.0
103	Progeny 4710RY	37	55	126	23	1.3	/	/
100	Progeny 4906RR	35	49	126	27	1.3	/	1.7
9	S08-14087 RR	35	/	124	33	1.3	/	1.8
3	Delta Grow 4975RR	35	53	126	28	1.8	/	1.8
54	Pioneer 94Y82	35	/	119	26	1.0	/	2.8
101	Progeny 4510RY	34	54	124	24	1.3	/	2.0
72	GoSoy 4810 LL	34	/	126	33	1.0	/	/
123	S46-A1 Brand	34	/	124	27	1.0	/	1.8
2	Delta Grow 4970RR	33	48	125	27	1.8	/	1.8
36	HBK R4924	33	49	122	26	1.3	/	2.8
60	Schillinger 495.RC	32	50	125	26	1.3	/	1.8
85	Dyna-Gro 37RY47	32	/	123	24	1.0	/	1.8
133	Rev [®] 47R53TM	32	/	120	23	1.3	2.0	3.3
102	Progeny 4611RY	31	/	119	23	1.0	2.0	3.8
25	AG4932	30	/	124	26	1.0	/	2.5
73	HALO 4:65	30	48	121	27	1.0	2.0	3.8

145	Armor DK 4744	30	51	124	24	1.5	2.0	2.0
74	HALO 4:75	29	/	124	36	1.0	/	1.8
159	Miami 949LL	28	/	128	33	1.3	2.0	/
41	Morsoy Xtra 48X00	28	50	122	24	1.0	2.0	3.3
144	Armor X1211	28	46	127	28	1.5	/	1.7
10	S08-17361	28	/	125	30	1.8	/	2.0
70	Schillinger 4990.RC	28	43	127	27	1.3	/	1.7
138	Rev® 45R10TM	28	/	121	27	1.0	2.0	4.0
71	Schillinger 478.RCS	27	48	126	26	1.5	/	1.8
77	HBK RY4721	27	/	119	28	1.0	2.0	3.8
86	Dyna-Gro 31RY45	27	/	123	23	1.0	2.0	3.5
142	Armor X1208	27	/	121	28	1.0	/	3.3
104	Progeny 4811RY	26	/	121	26	1.3	2.0	2.8
124	Delta Grow 4861LL	26	44	124	31	1.3	/	1.8
24	AG4832	26	/	122	26	1.0	2.0	3.8
94	Delta Grow 4670 R2Y	25	/	122	27	1.0	2.0	3.3
75	HALO 4:94	24	41	128	29	1.0	/	/
76	HBK R4830	24	/	125	26	1.3	/	2.3
59	Schillinger 458.RCS	24	49	119	22	1.0	2.0	2.8
97	Progeny 4928LL	24	42	127	34	1.3	/	/
39	Morsoy Xtra 47X31	23	/	121	28	1.0	2.0	4.3
122	Delta Grow 4875R2Y	21	/	118	27	1.0	2.0	4.0
140	Rev® 47R22TM	19	42	117	26	1.0	2.0	4.3
84	Dyna-Gro 33RY47	18	/	118	22	1.0	/	3.5
LSD (P=.05)		8.39		2.09	2.81	0.56	0.0	1.3
CV%		16.51		1.2	7.71	32.03	0.3	23.6
Grand Mean		36.29		125.22	26.29	1.25	2.0	2.6

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Salt Damage = Rated on a scale of 1 to 5, where 1 = no chlorotic tissue and 5 = severe leaf desiccation and defoliation

Table 9. Performance of Maturity Group V Soybean Varieties at the Macon Ridge Research Station in 2011.

Entry No.	Entry Name	2010/2011			Plant		CB ^e 8/24	CB ^e 8/29	Salt ^f 8/23
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d			
105	Progeny 5111RY	52	/	134	25	1.0	5.0	/	/
26	AG5232	49	/	133	22	1.0	4.0	/	/
50	USG 75298	47	/	144	26	1.0	2.3	4.0	/
110	Progeny 5711RY	46	/	138	23	1.3	3.0	5.5	/
87	Dyna-Gro 32RY55	45	/	140	25	1.0	2.7	5.5	/
56	Delta Grow 5625R2Y	44	/	138	21	1.3	2.3	5.0	/
109	Progeny 5610RY	44	58	137	25	1.0	3.0	5.0	/
91	Dyna-Gro 39RY57	44	/	139	27	1.0	2.3	5.0	/
121	Delta Grow 5110R2Y EX	44	/	132	40	2.0	1.3	/	/
92	GoSoy 5911 LL	43	/	144	20	1.0	3.0	5.0	/
116	Progeny 5960LL	43	53	144	24	1.0	3.0	4.5	/
118	USG 75J90R	43	/	138	22	1.0	2.7	5.0	/
53	Pioneer 95Y50	42	/	135	23	1.0	2.7	5.5	/
64	GoSoy 6111 LL	42	/	138	22	1.0	4.3	5.0	1.5
20	Osage	42	56	138	19	1.0	2.0	5.0	/
33	S54-V4 Brand	41	/	140	21	1.0	2.3	4.1	/
90	Morsoy Xtra 53X51	41	/	139	24	1.0	2.3	4.5	/
137	Rev [®] 56R63TM	41	/	140	26	1.0	3.7	5.0	/
81	HBK RY5220	41	59	134	22	1.0	4.3	/	/
48	Morsoy 5429	41	56	142	24	1.0	3.0	5.0	5.0
29	AG5831	40	55	139	19	1.0	3.0	6.0	/
120	Delta Grow 5656R2Y EX	40	/	139	21	1.0	3.0	/	/
152	Armor 55-R22	39	/	140	23	1.0	3.0	5.0	/
63	AGS 5911 LL	39	/	142	22	1.0	3.0	5.0	/
119	Delta Grow 5252R2Y EX	39	/	143	19	1.0	3.7	6.0	/
34	S57-K3 Brand	38	50	144	23	1.0	2.0	3.5	/
67	AGS 597 RR	38	52	144	25	1.0	2.3	3.5	/
108	Progeny 5655RY	38	/	142	26	1.0	3.0	5.0	/
16	Pioneer 95Y31	38	54	137	26	1.3	2.7	5.1	/
89	Morsoy Xtra 51X11	37	/	142	24	1.0	3.0	4.5	/
93	Delta Grow 5565R2Y	37	/	141	22	1.0	2.3	5.0	/
80	HBK RY5121	37	/	134	22	1.0	5.0	/	1.5
43	HBK R5525	36	52	143	21	1.0	2.0	5.1	/
45	HBK R5226	35	51	144	21	1.0	2.0	5.0	/
117	USG 75238	35	/	142	24	1.0	3.0	4.5	/
66	AGS 568 RR	35	50	144	21	1.0	1.7	3.0	/
113	Progeny 5330RR	35	33	138	27	1.3	4.3	5.1	1.5
126	Rev [®] 57R21TM	35	54	138	25	1.3	4.0	5.1	/
55	Delta Grow 5555RR	34	47	141	25	1.0	3.7	5.1	1.5
136	Rev [®] 51R53TM	33	/	129	28	1.0	/	/	4.5
14	Pioneer 95Y01	33	51	127	31	1.3	/	/	4.5
79	HALO 5:65	33	51	144	24	1.0	3.0	3.5	/
19	Ozark	32	47	134	24	1.0	3.2	/	2.5
15	Pioneer 95Y20	31	47	138	21	1.0	3.3	/	/
6	Delta Grow 5280RR	31	46	143	23	1.0	3.0	5.0	/
17	Pioneer 95Y70	31	44	144	26	1.0	2.0	3.0	/
69	AGS 6011 LL	31	/	137	23	1.0	4.0	5.5	1.5
35	S56-G6 Brand	30	45	145	19	1.0	2.0	4.0	/
106	Progeny 5210RY	30	45	132	22	1.0	/	/	3.0
107	Progeny 5321RY	30	/	143	45	2.0	1.0	/	/
46	Delta Grow 5545RR	30	/	144	26	1.0	2.0	3.5	/

161	Dyna-Gro 35F55	30	43	140	26	1.0	1.9	4.9	1.5
27	AG5332	29	/	130	30	1.0	/	/	4.5
65	AGS 554 RR	29	46	145	22	1.0	2.3	4.0	/
127	Dyna-Gro 35P53	29	45	135	25	1.0	/	/	2.5
82	HBK RY5421	28	/	134	23	1.3	1.9	/	2.5
114	Progeny 5261LL	28	/	134	26	1.0	2.9	/	2.5
149	Armor X1215	28	/	137	25	1.0	2.3	3.9	1.5
49	AG5832	27	/	144	46	2.0	1.3	/	/
47	Morsoy 5168	26	44	130	34	1.8	/	/	4.5
158	Whitney 1154LL	26	/	130	38	1.0	/	/	4.0
68	Schillinger 5220.RC	26	/	131	28	1.5	/	/	4.0
151	Armor X1217	26	/	132	22	1.0	4.9	/	2.5
57	Delta Grow 5461LL	25	42	136	36	1.3	/	/	3.5
154	Armor 53-R15	25	43	132	20	1.0	/	/	2.5
148	Armor X1213	24	/	134	22	1.0	4.9	/	2.5
150	Armor X1216	24	/	128	20	1.0	/	/	3.5
52	Pioneer 95Y10	24	/	129	30	1.0	/	/	3.5
83	HBK RY5521	23	/	131	23	1.0	/	/	3.0
78	HALO 5:25	23	44	130	18	1.0	/	/	4.0
4	Delta Grow 5160RR	22	/	128	31	1.0	/	/	4.5
62	GoSoy 5111 LL	21	/	131	18	1.0	/	/	3.5
115	Progeny 5460LL	21	39	131	31	3.8	/	/	4.0
111	Progeny 5811RY	21	/	131	24	1.0	/	/	3.0
61	Schillinger 557.RC	20	43	137	22	1.0	3.5	/	2.5
160	Dyna-Gro 37RY52	20	40	132	20	1.0	/	/	2.5
157	Delta Grow 5275R2Y	20	42	132	22	1.0	/	/	2.5
28	AG5632	16	/	132	23	1.0	/	/	3.0
153	Armor DK 5363	12	36	137	25	1.0	3.9	/	2.5
112	Progeny 5160LL	12	39	130	19	1.0	/	/	4.0
5	Delta Grow 5300RR	12	36	129	22	1.0	/	/	3.0
128	USG ALLEN RR	11	/	143	24	1.0	3.4	/	2.0
44	HBK R5529	11	38	135	23	1.0	1.2	/	2.5
LSD (P=.05)		9.4		4.3	2.3	0.9	1.1	0.9	1.0
CV%		21.1		2.2	6.8	57.6	23.2	8.9	19.6
Grand Mean		32.2		136.9	24.6	1.1	2.9	4.7	3.0

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) CB = Cercospora blight, rated on a scale of 1-9, where 1 = no disease symptoms and 9 = 100% defoliation and all plants are dead
- f) Salt Damage = Rated on a scale of 1 to 5, where 1 = no chlorotic tissue and 5 = severe leaf desiccation and defoliation

Rice Research Station
All Maturity Groups
Agronomic and Cultural Practices

Maturity Group:	MG III, IV, and V		
Location:	Rice Research Station, Crowley		
Irrigated (yes or no):	No		
Irrigation Type:	N/A		
Tillage System:	Spring Stale		
Soil pH:	5.98		
Organic Matter (%):	NA		
Soil Texture:	Crowley silt loam		
Row Spacing (inches):	16		
Row/Plot Length (feet):	20		
Planting Date:	9-May		
Harvest Date:	(MG III & Early IV, 9-Sep); (MG Late IV, 12-Sep); (MG V, 28-Sep)		
Seeding Rate (sd/A):	130,000		
Fertilizer Applied 1:	240# of 0-24-24-2.8, May 13		
Foliar Insecticide 1:	Karate Z	Rate: 1.28 oz/A	Date: 10-May
Foliar Insecticide 2:	Leverage 2.7	Rate: 4 oz/A	Date: 2-Aug
Pre Emerge Herb 1:	Dual II Magnum	Rate: 1.5 pt/A	Date: 13-May
Post Herb 1:	Poast Plus + Basagran	Rate: 1 qt/A, 1.5 pt/A	Date: 7-Jun
Post Herb 2:	Poast Plus + Basagran	Rate: 1 qt/A, 1.5 pt/A	Date: 28-Jun
Post Herb 3:	Poast Plus + Basagran	Rate: 1 qt/A, 1.5 pt/A	Date: 2-Aug

**Table 10. Performance of Maturity Group III and
Early IV Soybean Varieties at the Rice Research Station in 2011.**

Entry No.	Entry Name	2010/2011			Plant		Test
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d	Weight ^e
30	S44-D5 Brand	37	54	113	27	1.0	55.2
18	Pioneer 93Y92	35	56	107	20	1.0	54.1
7	Delta Grow 4460RR	35	/	113	25	1.3	54.1
141	Progeny 4211	33	/	111	19	1.0	53.7
139	Rev [®] 44R22TM	29	48	109	23	1.0	54.7
31	S42-T4 Brand	26	/	110	24	1.7	55.3
95	Progeny 3911RY	18	/	106	20	0.9	54.1
LSD (P=.05)		11.6		2.5	4.0	0.7	0.6
CV%		21.5		1.3	9.8	30.6	0.6
Grand Mean		30.4		109.8	22.7	1.1	54.5

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Measure of grain weight (lb) per bushel (on a volume basis)

Table 11. Performance of Maturity Group IV Soybean Varieties at the Rice Research Station in 2011.

Entry No.	Entry Name	2010/2011			Plant		Test
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d	Weight ^e
13	Pioneer 94Y80	42	55	118	29	2.0	53.5
24	AG4832	36	/	117	32	2.3	53.0
54	Pioneer 94Y82	36	/	114	24	1.0	53.8
102	Progeny 4611RY	35	/	116	25	1.3	53.4
100	Progeny 4906RR	34	49	121	32	2.3	52.3
133	Rev [®] 47R53TM	34	/	115	24	1.0	53.9
142	Armor X1208	34	/	116	30	2.0	53.2
104	Progeny 4811RY	33	/	115	31	2.3	53.4
94	Delta Grow 4670 R2Y	33	/	115	27	1.3	53.3
140	Rev [®] 47R22TM	33	51	115	29	2.0	54.0
134	Rev [®] 46R73TM	33	/	113	24	2.0	54.2
86	Dyna-Gro 31RY45	33	/	115	24	1.0	52.8
12	Pioneer 94Y70	33	53	115	27	1.3	53.1
88	Morsoy Xtra 46X71	32	/	114	27	0.3	53.6
101	Progeny 4510RY	32	54	117	24	1.3	53.4
84	Dyna-Gro 33RY47	32	/	115	30	2.7	53.6
122	Delta Grow 4875R2Y	31	/	120	31	2.3	53.3
146	Rev [®] 49R43TM	31	/	119	26	1.7	53.5
9	S08-14087 RR	31	/	123	31	1.7	52.1
25	AG4932	30	/	118	29	1.0	52.3
96	Progeny 4911Ry	30	/	121	36	1.7	52.3
159	Miami 949LL	30	/	122	31	1.3	51.9
143	Armor X1210	30	/	114	23	0.7	54.1
39	Morsoy Xtra 47X31	30	/	115	33	2.7	53.1
11	Pioneer 94Y50	29	/	113	23	1.7	54.3
97	Progeny 4928LL	29	48	121	33	2.0	51.9
98	Progeny 4750RR	29	50	116	26	1.7	53.7
1	Delta Grow 4880RR	29	48	115	21	0.7	53.4
42	Morsoy Xtra 46X29	29	50	119	25	1.0	53.0
72	GoSoy 4810 LL	29	/	112	32	1.3	54.3
156	Rev [®] 49R10TM	28	43	119	33	2.3	52.3
74	HALO 4:75	28	/	111	33	2.7	53.3
10	S08-17361	28	/	127	28	1.0	51.1
73	HALO 4:65	28	47	111	26	1.3	53.5
147	Dyna-Gro 33G48	28	46	116	24	0.7	53.3
131	Rev [®] 48R33TM	28	/	113	26	2.7	53.6
77	HBK RY4721	27	/	115	33	1.7	52.9
75	HALO 4:94	27	43	122	32	1.3	52.1
132	Rev [®] 49R22TM	27	45	123	28	1.3	52.6
2	Delta Grow 4970RR	27	46	120	30	1.7	52.6
138	Rev [®] 45R10TM	27	/	111	28	2.0	53.4
60	Schillinger 495.RC	27	44	118	28	1.0	53.2

85	Dyna-Gro 37RY47	26	/	116	26	0.7	53.2
8	Delta Grow 4770RR	26	/	112	26	1.7	53.3
145	Armor DK 4744	26	45	120	25	1.0	52.9
21	UA 4910	26	44	124	28	1.0	53.0
124	Delta Grow 4861LL	25	44	112	32	3.0	53.2
123	S46-A1 Brand	25	45	117	28	1.3	53.8
3	Delta Grow 4975RR	25	46	120	32	1.7	52.1
135	Rev® 48R10TM	25	48	113	25	0.7	53.4
155	Rev® 48R21TM	25	40	118	24	1.0	52.9
125	Rev® 48R22	24	45	112	23	0.7	53.8
103	Progeny 4710RY	24	44	116	23	1.0	52.5
99	Progeny 4807RR	24	44	114	28	2.0	54.2
58	Schillinger 457.RCP	24	46	112	27	1.7	53.2
36	HBK R4924	23	42	126	32	2.3	51.7
40	Morsoy 4707	22	/	114	31	2.0	54.3
59	Schillinger 458.RCS	22	44	113	21	0.0	53.1
32	S49-H7 Brand	22	45	120	28	1.0	52.9
51	USG 74E88	22	/	112	25	1.3	52.8
144	Armor X1211	22	44	123	28	1.3	52.5
38	HBK R4729	21	46	117	27	1.0	54.2
129	Rev® 49R11TM	20	/	111	20	1.0	54.7
37	HBK R4829	20	46	121	27	1.0	53.6
70	Schillinger 4990.RC	19	40	123	25	1.3	52.4
41	Morsoy Xtra 48X00	19	42	118	24	1.3	52.7
71	Schillinger 478.RCS	15	39	121	22	0.3	52.7
76	HBK R4830	11	/	123	30	3.0	51.5
LSD (P=.05)		6.8		5.5	4.4	0.9	1.0
CV%		15.2		2.9	9.9	36.3	1.2
Grand Mean		27.5		116.9	27.6	1.5	53.1

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- e) Measure of grain weight (lb) per bushel (on a volume basis)

Table 12. Performance of Maturity Group V Soybean Varieties at the Rice Research Station in 2011.

Entry No.	Entry Name	2010/2011			Plant		Test
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d	Weight ^e
136	Rev® 51R53TM	35	/	131	23	1.3	55.4
14	Pioneer 95Y01	34	50	127	27	2.3	55.7
52	Pioneer 95Y10	34	/	127	28	1.7	56.3
116	Progeny 5960LL	33	52	132	19	0.7	55.2
137	Rev® 56R63TM	32	/	136	20	0.3	55.1
47	Morsoy 5168	31	47	128	30	2.7	55.9
17	Pioneer 95Y70	30	42	138	19	0.3	54.5
107	Progeny 5321RY	29	/	128	43	2.7	54.9
67	AGS 597 RR	29	46	141	17	0.3	55.0
153	Armor DK 5363	29	46	140	17	0.7	55.1
27	AG5332	29	/	124	26	1.0	56.1
110	Progeny 5711RY	29	/	129	16	0.0	55.0
20	Osage	29	42	127	15	0.0	55.7
92	GoSoy 5911 LL	29	/	131	19	0.0	54.9
45	HBK R5226	29	47	136	16	0.0	55.3
158	Whitney 1154LL	28	/	127	29	2.3	55.1
115	Progeny 5460LL	28	47	126	28	1.3	55.4
117	USG 75238	28	/	135	16	0.0	55.6
121	DeltaGrow 5110R2Y EX	28	/	126	34	3.0	55.1
161	Dyna-Gro 35F55	28	47	135	17	0.3	55.7
49	AG5832	27	/	140	39	2.7	54.7
79	HALO 5:65	27	45	139	17	0.0	54.9
4	DeltaGrow 5160RR	27	/	125	30	2.0	55.3
63	AGS 5911 LL	27	/	133	17	0.0	55.2
114	Progeny 5261LL	26	/	126	15	0.0	55.2
55	DeltaGrow 5555RR	26	46	134	17	0.0	55.5
57	DeltaGrow 5461LL	26	42	126	27	1.7	55.7
65	AGS 554 RR	26	42	140	15	0.0	55.3
46	DeltaGrow 5545RR	25	/	139	14	0.0	55.1
109	Progeny 5610RY	25	40	128	19	0.0	55.0
128	USG ALLEN RR	25	/	142	17	0.0	54.5
157	DeltaGrow 5275R2Y	24	44	124	16	0.0	55.1
105	Progeny 5111RY	24	/	122	16	0.0	55.9
108	Progeny 5655RY	24	/	128	20	0.0	56.0
50	USG 75298	24	/	141	16	0.3	54.0
33	S54-V4 Brand	24	/	129	15	0.0	55.1
112	Progeny 5160LL	23	46	128	14	0.0	55.5
91	Dyna-Gro 39RY57	23	/	127	17	0.0	54.9
90	Morsoy Xtra 53X51	23	/	128	17	0.0	55.1
78	HALO 5:25	23	38	129	14	0.0	55.6
16	Pioneer 95Y31	23	38	127	19	0.3	55.0
34	S57-K3 Brand	23	39	139	18	0.0	54.4

127	Dyna-Gro 35P53	22	33	132	15	0.0	55.3
148	Armor X1213	22	/	129	15	0.0	55.3
56	DeltaGrow 5625R2Y	22	/	127	17	0.0	55.1
15	Pioneer 95Y20	22	35	129	16	0.0	54.7
48	Morsoy 5429	22	42	136	15	0.3	54.5
93	DeltaGrow 5565R2Y	22	/	128	16	0.0	54.9
81	HBK RY5220	22	39	125	14	0.0	55.5
111	Progeny 5811RY	21	/	129	16	0.0	55.2
113	Progeny 5330RR	21	45	128	16	0.0	55.7
106	Progeny 5210RY	20	44	127	17	0.0	55.0
68	Shillinger 5220.RC	20	/	128	25	0.7	55.2
29	AG5831	20	41	127	14	0.0	55.0
118	USG 75J90R	20	/	128	16	0.0	55.0
89	Morsoy Xtra 51X11	20	/	133	17	0.3	54.8
44	HBK R5529	19	39	137	15	0.0	54.7
87	Dyna-Gro 32RY55	19	/	128	15	0.0	55.1
43	HBK R5525	19	40	138	14	0.0	54.8
152	Armor 55-R22	19	/	131	14	0.0	55.3
126	Rev® 57R21TM	18	40	131	19	0.7	55.1
149	Armor X1215	18	/	137	16	0.0	54.8
6	DeltaGrow 5280RR	18	40	134	14	0.0	55.2
19	Ozark	18	36	125	14	0.0	54.4
69	AGS 6011 LL	18	/	128	15	0.0	55.4
28	AG5632	18	/	122	17	0.0	55.3
66	AGS 568 RR	18	36	136	14	0.0	55.3
154	Armor 53-R15	18	35	127	16	0.0	54.9
61	Schillinger 557.RC	18	37	134	14	0.0	55.2
120	DeltaGrow 5656R2Y EX	18	/	133	15	0.0	55.4
119	DeltaGrow 5252R2Y EX	17	/	125	14	0.0	55.4
151	Armor X1217	17	/	130	14	0.0	55.2
160	Dyna-Gro 37RY52	17	35	128	15	0.0	54.7
64	GoSoy 6111 LL	15	/	127	16	0.0	55.5
26	AG5232	15	/	122	12	0.0	56.9
62	GoSoy 5111 LL	15	/	127	12	0.0	55.3
83	HBK RY5521	14	/	128	17	0.0	55.6
80	HBK RY5121	14	/	126	14	0.0	55.2
150	Armor X1216	14	/	127	14	0.0	56.0
82	HBK RY5421	13	/	128	14	0.0	55.5
53	Pioneer 95Y50	12	/	126	16	0.0	55.3
35	S56-G6 Brand	11	33	139	13	0.0	53.5
5	DeltaGrow 5300RR	9	29	125	15	0.0	56.7
LSD (P=.05)		6.4		4.3	3.5	0.6	0.6
CV%		17.5		2.1	12.2	94.5	0.7
Grand Mean		22.7		130.4	18.0	0.4	55.2

- Yield is expressed in bushels per acre corrected to 13% moisture content
- Maturity = Number of days between planting and the R8 growth stage
- Plant height in inches at R8 growth stage
- Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down
- Measure of grain weight (lb) per bushel (on a volume basis)

Northeast Research Station
Maturity Group III and Early IV
Agronomic and Cultural Practices

Maturity Group:	MG III and MG Early IV				
Location:	Northeast Research Station, St. Joseph				
Irrigated (yes or no):	Yes (6/9/11; 6/16/11; 7/15/11; 8/11/11)				
Irrigation Type:	Furrow				
Tillage System:	Conventional				
Soil pH:	5.82-6.57				
Organic Matter (%):					
Soil Texture:	silty clay				
Row Spacing (inches):	40				
Row/Plot Length (feet):	17.5				
Planting Date:	5/2/11				
Harvest Date:	MG III on 14-Sep; MG IV on 23-Sep MG V on 4-Oct				
Seeding Rate (sd/A):	130,000				
Fertilizer Applied 1:	None applied in 2011				
Foliar Insecticide 1:	Orthene	Rate:	0.5 lb/A	Date:	8/18/11
Foliar Insecticide 2:	Tundra	Rate:	6.0 oz/A	Date:	8/18/11
Pre Emerge Herb 1:	Valor	Rate:	1.5 oz/A	Date:	5/2/11
Pre Emerge Herb 2:	Dual	Rate:	24 oz/A	Date:	5/2/11
Post Herb 3:	Reflex	Rate:	16 oz/A	Date:	8/4/11
Post Herb 4:	Volunteer	Rate:	12 oz/A	Date:	8/4/11
Harvest Aid	N/A	Rate:		Date:	

**Table 13. Performance of Maturity Group III
Soybean Varieties at the Northeast Research Station in 2011.**

Entry No.	Entry Name	2010/2011		Plant		
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d
141	Progeny 4211	68	/	115	27	1.0
7	Delta Grow 4460RR	67	/	116	31	1.0
139	Rev [®] 44R22TM	66	57	116	28	1.0
30	S44-D5 Brand	62	55	123	34	1.0
95	Progeny 3911RY	61	/	113	23	1.0
31	S42-T4 Brand	58	/	113	36	1.0
18	Pioneer 93Y92	55	48	115	27	1.0
LSD (P=.05)		9		2.5	4.1	na
CV%		9.6		0.9	5.7	na
Grand Mean		62.2		116	29.3	1

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down

**Table 14. Performance of Maturity Group IV
Soybean Varieties at the Northeast Research Station in 2011.**

Entry No.	Entry Name	2010/2011			Plant	
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d
88	Morsoy Xtra 46X71	72	/	126	33	1.0
133	Rev [®] 47R53TM	71	/	123	33	1.0
86	Dyna-Gro 31RY45	70	/	128	28	1.0
54	Pioneer 94Y82	69	/	126	30	1.0
94	Delta Grow 4670 R2Y	69	/	126	30	1.0
9	S08-14087 RR	68	/	123	35	1.0
42	Morsoy Xtra 46X29	68	58	126	29	1.0
24	AG4832	67	/	128	33	1.0
101	Progeny 4510RY	67	57	126	30	1.0
77	HBK RY4721	66	/	128	36	1.0
98	Progeny 4750RR	66	58	130	30	1.0
59	Schillinger 458.RCS	66	56	128	27	1.0
102	Progeny 4611RY	66	/	128	31	1.0
134	Rev [®] 46R73TM	66	/	123	32	1.0
100	Progeny 4906RR	65	57	128	37	1.0
104	Progeny 4811RY	65	/	126	37	1.0
103	Progeny 4710RY	64	57	128	28	1.0
13	Pioneer 94Y80	64	58	128	34	1.0
146	Rev [®] 49R43TM	64	/	126	33	1.0
99	Progeny 4807RR	64	58	128	32	1.0
145	Armor DK 4744	63	54	128	30	1.0
41	Morsoy Xtra 48X00	63	55	128	28	1.0
132	Rev [®] 49R22TM	63	56	128	36	1.0
129	Rev [®] 49R11TM	63	/	123	29	1.0
3	Delta Grow 4975RR	62	57	130	38	1.0
38	HBK R4729	62	53	126	30	1.0
1	Delta Grow 4880RR	62	55	128	53	1.0
84	Dyna-Gro 33RY47	62	53	126	35	1.0
11	Pioneer 94Y50	62	/	123	32	1.0
25	AG4932	61	/	131	32	1.0
122	Delta Grow 4875R2Y	61	/	128	35	1.0
155	Rev [®] 48R21TM	61	53	128	28	1.0
58	Schillinger 457.RCP	61	54	126	38	1.8
60	Schillinger 495.RC	60	55	128	35	1.0
40	Morsoy 4707	60	/	131	34	1.0
156	Rev [®] 49R10TM	60	52	128	45	1.3
8	Delta Grow 4770RR	60	55	123	34	1.0
142	Armor X1208	60	/	126	37	1.0
10	S08-17361	60	/	128	35	1.0
36	HBK R4924	59	55	128	40	1.0
135	Rev [®] 48R10TM	59	55	123	28	1.0
70	Schillinger 4990.RC	59	54	128	31	1.0

12	Pioneer 94Y70	59	52	123	33	1.0
138	Rev® 45R10TM	59	/	123	39	1.0
73	HALO 4:65	59	53	123	33	1.0
85	Dyna-Gro 37RY47	58	/	126	28	1.0
159	Miami 949LL	58	/	128	46	1.0
71	Schillinger 478.RCS	58	56	131	29	1.0
147	Dyna-Gro 33G48	57	53	129	31	1.0
39	Morsoy Xtra 47X31	57	/	128	35	1.0
123	S46-A1 Brand	57	/	123	32	1.0
74	HALO 4:75	57	/	123	38	1.0
75	HALO 4:94	57	52	128	46	1.0
2	Delta Grow 4970RR	56	54	130	35	1.0
97	Progeny 4928LL	56	53	131	43	1.3
37	HBK R4829	55	52	130	27	1.0
125	Rev® 48R22TM	55	49	123	27	1.0
96	Progeny 4911Ry	55	/	127	51	1.8
32	S49-H7 Brand	55	53	131	36	1.0
72	GoSoy 4810 LL	55	/	123	39	1.0
140	Rev® 47R22TM	54	49	126	40	1.0
51	USG 74E88	54	/	123	35	1.0
143	Armor X1210	54	/	128	33	1.0
144	Armor X1211	54	52	128	35	1.0
131	Rev® 48R33TM	53	/	123	35	1.0
76	HBK R4830	53	/	128	39	1.0
124	Delta Grow 4861LL	50	45	123	34	1.0
21	UA 4910	46	45	126	31	1.0
LSD (P=.05)		8.0		3.7	9.0	0.4
CV%		9.1		1.5	13.2	18.7
Grand Mean		60.4		127.0	34.2	1.0

- a) Yield is expressed in bushels per acre corrected to 13% moisture content
- b) Maturity = Number of days between planting and the R8 growth stage
- c) Plant height in inches at R8 growth stage
- d) Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down

**Table 15. Performance of Maturity Group V
Soybean Varieties at the Northeast Research Station in 2011.**

Entry No.	Entry Name	2010/2011			Plant	
		Yield ^a	Avg ^a	Maturity ^b	Height ^c	Lodging ^d
136	Rev® 51R53TM	64	/	136	31	1.0
52	Pioneer 95Y10	60	/	137	37	1.0
16	Pioneer 95Y31	59	52	133	29	1.0
160	Dyna-Gro 37RY52	58	50	136	24	1.0
27	AG5332	57	/	141	33	1.0
14	Pioneer 95Y01	57	52	133	37	1.0
113	Progeny 5330RR	57	54	139	31	1.0
20	Osage	56	53	138	21	1.0
87	Dyna-Gro 32RY55	56	/	137	25	1.0
44	HBK R5529	55	53	143	20	1.0
53	Pioneer 95Y50	55	/	139	26	1.0
26	AG5232	55	/	133	23	1.0
111	Progeny 5811RY	54	/	139	27	1.0
127	Dyna-Gro 35P53	54	54	137	24	1.0
47	Morsoy 5168	54	52	137	40	1.0
80	HBK RY5121	54	/	133	21	1.0
83	HBK RY5521	54	/	140	26	1.0
106	Progeny 5210RY	54	49	137	24	1.0
6	DeltaGrow 5280RR	54	49	143	24	1.0
28	AG5632	54	/	141	25	1.0
137	Rev® 56R63TM	54	/	139	29	1.0
93	DeltaGrow 5565R2Y	53	/	140	24	1.0
150	Armor X1216	53	/	133	19	1.0
33	S54-V4 Brand	53	/	142	22	1.0
56	DeltaGrow 5625R2Y	53	/	139	26	1.0
110	Progeny 5711RY	53	/	141	27	1.0
109	Progeny 5610RY	52	47	139	23	1.0
154	Armor 53-R15	52	48	135	24	1.0
161	Dyna-Gro 35F55	52	51	141	27	1.0
29	AG5831	51	49	141	21	1.0
118	USG 75J90R	51	/	137	22	1.0
120	DeltaGrow 5656R2Y EX	51	/	136	22	1.0
152	Armor 55-R22	51	49	140	22	1.0
46	DeltaGrow 5545RR	51	/	143	27	1.0
65	AGS 554 RR	51	50	141	23	1.0
108	Progeny 5655RY	50	/	133	29	1.0
153	Armor DK 5363	50	/	143	26	1.0
81	HBK RY5220	50	49	133	27	1.0
91	Dyna-Gro 39RY57	50	/	138	27	1.0
78	HALO 5:25	50	49	136	18	1.0
5	DeltaGrow 5300RR	50	48	139	26	1.0
50	USG 75Z98	49	/	142	28	1.0

4	DeltaGrow 5160RR	49	/	133	35	1.0
121	DeltaGrow 5110R2Y EX	49	/	135	52	1.0
157	DeltaGrow 5275R2Y	49	48	133	22	1.0
15	Pioneer 95Y20	49	45	137	23	1.0
119	DeltaGrow 5252R2Y EX	49	/	133	19	1.0
126	Rev® 57R21TM	49	51	137	30	1.0
115	Progeny 5460LL	49	48	135	44	1.0
79	HALO 5:65	49	48	142	24	1.0
92	GoSoy 5911 LL	49	/	143	22	1.0
55	DeltaGrow 5555RR	48	50	141	26	1.0
90	Morsoy Xtra 53X51	48	/	138	23	1.0
151	Armor X1217	48	/	133	22	1.0
116	Progeny 5960LL	48	48	141	27	1.0
117	USG 75Z38	48	/	142	25	1.0
17	Pioneer 95Y70	48	51	143	31	1.0
45	HBK R5226	48	48	139	22	1.0
148	Armor X1213	48	/	133	22	1.0
67	AGS 597 RR	48	49	142	22	1.0
68	Shillinger 5220.RC	48	/	136	33	1.0
105	Progeny 5111RY	48	/	133	23	1.0
48	Morsoy 5429	48	48	141	27	1.0
64	GoSoy 6111 LL	47	/	138	25	1.0
61	Schillinger 557.RC	47	44	141	21	1.0
62	GoSoy 5111 LL	47	/	133	22	1.0
69	AGS 6011 LL	47	/	139	24	1.0
82	HBK RY5421	47	/	133	20	1.0
63	AGS 5911 LL	47	/	142	26	1.0
66	AGS 568 RR	47	43	142	23	1.0
89	Morsoy Xtra 51X11	46	/	139	25	1.0
19	Ozark	46	46	133	23	1.0
112	Progeny 5160LL	46	46	142	18	1.0
57	DeltaGrow 5461LL	45	46	133	44	1.0
114	Progeny 5261LL	45	/	139	25	1.0
34	S57-K3 Brand	45	46	143	25	1.0
149	Armor X1215	45	/	141	30	1.0
43	HBK R5525	44	43	142	24	1.0
158	Whitney 1154LL	44	/	133	42	1.0
35	S56-G6 Brand	43	/	142	20	1.0
107	Progeny 5321RY	43	/	135	53	1.0
49	AG5832	42	/	141	53	2.0
128	USG ALLEN RR	42	/	143	26	1.0
LSD (P=.05)		5.7		4.3	3.6	na
CV%		8.1		1.6	6.8	na
Grand Mean		50.2		138.0	26.8	1.0

- Yield is expressed in bushels per acre corrected to 13% moisture content
- Maturity = Number of days between planting and the R8 growth stage
- Plant height in inches at R8 growth stage
- Lodging = Rated on a scale of 1-5, where 1 = no lodging and 5 = all plants are down