

Table 6. Performance of Maturity Group III and Early IV Soybeans at Dean Lee Research Station in 2013.

Entry No.	Variety	Maturity	Plant Ht (in)	Lodging*	Moisture	Yield (lb/A)	Yield (bu/A)	Test Weight
68	AG 4433	120	37.3	1.5	15.8	3236	54	51.5
88	Armor 44-R08	116	30.7	1	15.5	3250	54	54.1
89	Dyna-Gro 39RY43	120	31.6	1	15.9	3212	54	53.7
90	Dyna-Gro S40RY73	120	24.9	0	15.9	3057	51	54.0
105	Armor X1401	120	26.7	0	14.8	3693	62	53.5
120	P4211RY	119	28.6	0	15.9	3557	59	54.0
121	P4313RY	116	20.8	0	16.2	3020	50	54.3
143	R2C 4412	119	30.2	0	15.9	3021	50	54.7
144	R2C 4541	120	30.5	0	16.0	3433	57	53.3
151	Myc5N423	116	29.7	0.5	15.9	3208	53	53.3
152	Myc5N431	119	31.1	0.5	15.7	3666	61	54.0
155	Go Soy 4411 LL	120	34.6	0	16.3	3262	54	59.9
LSD (P=.05)		5.95	5.4	0.8	0.7279049	601.4741	10.03094	5.848168
Standard Deviation		2.71	2.5	0.36	0.50412	416.5587	6.947058	4.050224
CV		2.28	8.3	97.1	3.19	12.62	12.62	7.47

*Lodging from 0-9, with 9= prostrate.

Table 7. Performance of Maturity Group IV Soybeans at Dean Lee Research Station in 2013.

Entry No.	Variety	Maturity	Plant Ht (in)	Lodging*	Moisture	Test Wt	Yield (lb/A)	Yield (bu/A)	Disease CB (8/29/13)**	Disease FE (8/23/13)**	Disease FE (8/29/13)**
1	DG 4670RR2	122	35.5	0	11.7	55.0	3839	64	5	1.5	2
2	DG4765RR2/STS	122	36	0.5	10.9	45.1	3385	56	6	3	2
3	DG4825RR2/STS	124	28	0.5	11.8	41.8	3115	52		4	4.75
4	DG4990LL	123	35.5	0	10.4	43.3	3391	57	2	1	1
6	P49T97R	124	35	0.5	11.3	45.5	3319	55	5.5	1	2
7	DG4925R22	123	37.5	1	11.1	40.4	3016	50		2.5	4.75
9	S09-13608	120	32.5	0.5	9.6	37.4	2907	48		5	6
10	S09-9943	115	30.5	1	11.3	42.7	3089	51		4	4
11	S09-10871	122	35.5	1	11.1	45.5	3441	57		4.5	5
14	Morsoy Xtra R2 47X12	122	38	1	10.6	52.4	3237	54	7	2	2
15	Morsoy Xtra R2 48X02	122	33.5	0.5	11.3	40.8	3168	53		1	
23	P46T21R	121	31.5	0.5	10.4	43.1	3545	59		1	
24	P47T36R	121	36	1	10.8	42.0	3369	56		1	
25	P49T80R	120	38.5	0.5	11.0	48.4	3454	58		1	2
28	DG 4967 LL	126	42	1.5	10.7	39.6	2863	48	2	1	1.5
29	DG 4981 LL	128	47	2	9.8	36.1	2941	49		1	2
32	DG 4970 RR	119	39.5	3	11.0	45.8	2757	46	6	1	
33	DT 4755 RR2	121	34.5	0.5	11.8	52.2	3655	61	6	1	7.5
34	REV 49R94	121	37.5	1	10.8	40.4	3135	52	6	2	1
36	REV 47R34	120	41	3	10.3	43.1	3124	52		1	
37	REV 48R44	122	34.5	0.5	12.1	46.3	3236	54		1	1
38	REV 46R64	119	33.5	0.5	11.2	49.4	3596	60		4.75	8
39	ABX 27041	116	36.5	1	10.7	37.7	2993	50		3	
40	ABX 2164	121	33.5	1	9.8	38.7	3103	52		4	7
41	ABX 2174	121	30.5	1	10.8	48.9	3041	51		4.5	7
42	ABX 2499	120	38.5	1	10.1	38.3	3077	51	5	4.5	6.25
43	ABX 2784	122	37.5	1.5	11.5	39.8	2948	49		4.5	6
44	ABX 2105	124	38.5	0.5	11.5	40.3	3307	55		2	3.75
45	MGP 4174	118	42	2	10.4	37.9	3373	56		5	
47	DG 4880 RR	123	34	1.5	10.6	47.7	3503	58		1	2
48	REV 48R33	119	36	1.5	11.0	40.7	3034	51		1	0.5
49	REV 48R22	115	32.5	0.5	10.0	36.8	2834	47		1	
50	REV 47R34	118	37.5	2	9.8	49.0	3692	62		1	
51	REV 46R73	119	34	1.5	10.4	45.3	3006	50		1	
52	REV 49R22	124	40.5	1	10.5	39.5	3103	52		3	3.5
62	P48T53R	122	33	1	11.2	49.8	3627	60	6	1	
63	AG 4531	119	35	1	10.0	45.9	3570	59		4.5	7
64	AG 4534	120	32.5	0.5	10.8	46.3	3153	53		4.75	
65	AG 4632	121	35.5	1	10.8	42.6	3442	57		2.5	
66	AG 4832	123	39.5	2	12.0	44.5	3191	53		3.75	6.5
67	AG 4933	122	38.5	0.5	11.4	44.2	3403	57		3.5	4.25
76	HBK RY 4620	122	32.5	0.5	11.1	39.5	2968	49		3.75	5
77	HBK LL 4650	121	35.5	1	11.3	47.8	2955	49		1	
78	HBK RY 4721	122	38.5	0	10.8	42.7	2598	43		1	
79	HBK LL 4850	122	29	0.5	10.6	39.6	2826	47		3.75	
80	HKB LL 4950	127	45	0.5	10.8	34.9	3030	50	2	1	1
85	Dyna-Gro 31RY45	121	35.5	0.5	10.9	47.5	3522	59		2	
86	Dyna-Gro S47RY13	123	40	1	11.7	45.6	3379	56		3.25	4

87	Dyna-Gro 548R553	124	40	1.5	11.3	39.9	3513	59	4	2	2
91	Armor 49-R56	123	32.5	1.5	11.6	47.7	3652	61		2.25	3
92	Armor 4744	119	33	0.5	10.6	43.2	2943	49		6.5	7.5
93	Armor 47-R13	121	38	1	10.5	64.3	3153	53		1.5	5
104	AG 4633	115	29	0.5	11.4	44.3	3160	53	3	1	
106	Halo X466	118	32	0	10.9	39.7	3252	54		1	
107	Halo X477	123	42	0.5	10.5	42.0	2999	50		1.5	1.75
108	Halo 4:95	122	30.5	0.5	11.0	52.9	3392	57		3.75	5.5
109	Halo 5:01	126	42	2	10.5	38.6	3125	52		1	1
110	Halo 4:94	123	40	0.5	10.1	40.5	3428	57	3	1	1
111	Halo X496	122	39	1	10.6	38.1	3114	52		1	1
112	Armor X1404	120	39.5	2.5	10.9	35.0	2841	47		1	3
113	Armor 48-R66	125	30	1	11.7	49.5	3808	63		4	4
122	P4819LL	122	28.5	0.5	11.1	35.1	2966	49		2.75	5.5
123	P4747RY	122	36.5	1	11.8	54.9	3575	60	2	2	2
124	P4928LL	124	38.5	0.5	10.0	37.8	3242	54		1	2
125	P4850RY	123	36	1	10.6	41.7	3344	56		1.5	2.5
126	P4613RY	123	38.5	2.5	11.6	44.1	3616	60	2	1	2.5
127	P4710RY	123	32.5	0.5	11.1	38.6	3360	56	3	1	2.5
128	P4900RY	125	32.5	1	11.8	58.9	4082	68	2	3.25	3.25
129	P4560LL	116	37	1	11.2	46.0	3441	57		2	
130	P4510RY	121	34	1	10.9	45.9	3510	59		5	8
131	P4930LL	124	38.5	0	11.3	46.0	3094	52		1	1
145	R2C 4772	121	39	1	11.2	46.1	3451	58		3.25	4
149	Armor X1406	119	36	1	9.9	40.2	3183	53		5.5	
153	Myc 5N451	123	33.5	0	11.2	43.8	3576	60	6	1	3.5
154	Myc 5N478	121	43	1	10.8	38.9	3444	57	6	2	
156	Schillinger 458.RCS	122	36	0	10.9	44.9	3238	54	5	2	2.5
157	Schillinger 478.RC	122	35	1	9.0	44.4	3253	54		3.25	5.25
158	Schillinger 4990.RC	124	41	1	11.4	42.3	3456	58	4.75	2	1.25
159	Schillinger 4712R2	114	32.5	1.5	10.4	32.5	2355	39		1	
160	GoSoy 4711 LL	119	45.5	3	10.9	39.1	2821	47		1	
161	GoSoy 4812 LL	123	30.5	0	10.9	41.1	3184	53		4.5	8
162	GoSoy 4912 LL	124	40.5	1.5	10.6	38.1	2717	45	1	1	1
163	AGS 45R212	123	36	0	11.2	48.0	3496	58		1	2
164	AGS 47R212	121	36.5	1	11.0	39.6	3485	58		1	
171	DG 4940 RR	120	35.5	1	10.4	39.4	3807	63		2.25	4.5
173	MGP 4514 NS	118	40	1	9.8	41.3	3382	56		6.25	
174	HBK LL 4653	119	35.5	0.5	11.1	53.1	3734	62		1	
175	HBK LL 4953	124	39.5	0.5	10.6	38.6	3628	60		1	1.5
176	AG 4732	122	39.5	0.5	10.5	39.7	3015	50		2.5	
177	AG 4934	127	40	1.5	10.8	48.4	3953	66		4.25	5.5
178	AG 4831	122	43	1	11.4	41.9	3362	56		4	7.5
	LSD (P=.05)	4.28	4.81	1.02	1.076532	13.86022	563.3485	9.389367	9.661	1.8	1.847
	Standard Deviation	2.14	2.41	0.51	0.776758	10.00067	406.4771	6.774781	0.76	0.9	0.914
	CV	1.76	6.61	53.49	7.15	23.02	12.44	12.44	18.2	38.22	24.95

*Lodging from 0-9, with 9= prostrate.

**CB stands for Cercospora Blight, FE for Frog Eye Spot.

Table 8. Performance of Maturity Group V Soybeans at Dean Lee Research Station in 2013.

Entry No.	Variety	Maturity	Plant Ht (in)	Lodging*	Moisture	Yield (lb/A)	Yield (bu/A)	Disease	Disease	Disease	Test Wt
								FE 8/23/2013**	FE 8/29/2013**	CB 8/29/2013**	
5	DG5625RR2	134	23.5	0	15.3	3273	55	1	1.25	3	36.6
8	DG5575RR2	135	29	0.5	15.2	3174	53	1	1	3	43.7
12	S09-13635	123	36.5	1.5	15.7	3321	55	3	5	2	44.3
13	S09-6201R	130	31.5	1	14.4	2990	50	1	1	1.5	40.8
16	Morsoy Xtra R2 53X82	126	27	0	14.8	3599	60	1	1	3.25	49.2
17	Osage	132	22	0	15.0	3432	57	1	1	2.75	49.3
18	UA 5213C	129	24	0	14.4	3454	58	1	1	4.5	43.5
19	UA 5612	136	24	0	13.6	3725	62	1	1	3.5	49.8
20	Ozark	73	24	0	14.8	3328	55	1	1	3.5	49.0
21	R04-1250RR	128	24	0	14.8	2682	45	1	1.5	3.75	39.6
22	R04-1268RR	136	19.5	0	12.4	2552	43	2	2.5	3.5	35.4
26	P54T94R	135	21.5	0	14.8	3695	62	3	3.25	3.25	46.8
27	P50T40R	127	25	1	13.7	2792	47	1	1	6	33.3
30	DG 5481 LL	139	40.5	1	15.0	3423	57	1	1	1	48.9
31	DG 5461 LL	128	34.5	0	14.6	2936	49	1	1	3	34.4
35	DG 5130 RR2	132	39	0.5	14.9	2984	50	2	3	2.75	39.8
46	MPG 5214	130	31	1	14.7	3313	55	1	3.25	3.75	43.9
53	DG 5566RR7	136	27	0	15.0	3283	55	1	1	3.25	44.6

54	DG 5475	132	21	0	14.5	3226	54	1	1	3	48.7
55	DG 5480 RR2	130	31.5	0	14.9	3608	60	1	2	3.75	49.0
56	DG 5565 RR2	127	19.5	0	13.5	2391	40	1	1	2.5	32.1
57	REV 57R21	135	29.5	1	14.6	3106	52	1	1	2.5	42.2
58	REV 59R13	136	27.5	0	14.6	3461	58	1	1	4	50.1
59	REV 55R53	140	24	0	14.0	3353	56	1	1	3	45.2
60	REV 56R63	135	33.5	0	14.7	3344	56	1	1	4	41.6
61	REV 51R53	127	31.5	1	14.3	3285	55	2.5	3.5	2.5	40.5
69	AG 5233	132	28.5	1	14.9	3360	56	2	2.5	4	45.7
70	AG 5332	135	33	1.5	14.5	3776	63	1	1.5	1.75	50.3
71	AG 5532	133	25	0	14.7	3332	56	1	2	3.5	46.1
72	AG 5534	136	29	0	13.6	3245	54	1	1.25	3.25	41.1
73	AG 5634	133	34.5	1	14.0	3523	59	1	1	3	43.6
74	AG 5633	133	23	0.5	13.5	3290	55	2	3	3.75	48.8
75	AG 5831	136	20	0	16.1	2824	47	1	2	3	45.0
81	HBK RY 5221	127	37	2	14.8	2881	48	1	1	3	36.7
82	HBK LL 5350	131	20	0	12.7	2869	48	1	1.5	3	34.5
83	HBK RY 5421	129	26	0.5	16.5	2923	49	1	1.5	4	40.1
84	P50T64R	128	28	0.5	14.1	2986	50	1	3	3	40.5
94	Armor 53-R16	132	23	0	14.1	3379	56	1	1	3.5	39.7
95	Armor X1312	131	30	1	15.4	3274	55	1	1.75	3.5	49.4
96	Armor 53-R88	127	25.5	0	14.1	2991	50	1	1	3.25	41.6
97	Armor 55-R22	136	21.5	0	14.1	3333	56	1	1.25	3.5	44.7
98	AG 5533	129	29	0.5	14.4	3098	52	1	1	4.75	42.2
99	Dyna-Gro S53RY23	132	22.5	0	14.9	3326	55	1	1	4	45.7
100	Dyna-Gro S544RY43	133	24.5	0	14.7	3255	54	1	1	3.25	47.0
101	DG553RY84	138	26	0	13.7	3525	59	1	1	3.25	48.4
102	Dyna-Gro 32RY55	134	23.5	0	14.8	3292	55	1	1	3.25	44.0
103	Dyna-Gro 39RY57	135	24	0	14.9	3061	51	1	1.25	3.5	42.9
114	Armor X1413	129	40.5	1	14.7	3280	55	1	1	3	48.6
115	Armor X1414	129	24	0	15.6	3221	54	1	1.5	4.5	49.1
116	Halo 5:01-5	130	37.5	1	16.4	3044	51	1	1	2	44.8
117	Halo 5:26	127	22	0	15.4	2891	48	1	1	4.75	41.3
118	Halo X530	131	45	1	14.4	3408	57	1	1.5	2.25	44.1
119	Halo 5:45	135	22	0	14.0	3244	54	1	1	3	39.4
132	P5460LL	130	34	0	14.4	3364	56	1	1	1.75	44.2
133	P5123RY	129	36	1.5	15.3	3187	53	1	1.5	3.75	45.4
134	P5711RY	135	25	0	15.0	3218	54	1	1.75	3.5	42.1
135	P5210RY	126	23	0	15.6	3584	60	1	1	4.5	49.4
136	P5160 LL	128	20	0	13.0	2936	49	1	1	3.25	40.0
137	P5610 RY	133	21.5	0	15.3	3073	51	1	1	3.25	43.7
138	P5960LL	133	26	0	15.2	2927	49	1	1	4.25	42.4
139	P5111RY	127	27	0	14.0	3389	57	1	1	5	43.4
140	P5333RY	130	24.5	0	13.7	3309	55	1	1.5	5.25	46.4
141	P5555RY	137	28	0.5	14.4	3275	55	1	1	3	45.2
142	REV 52R74	130	36.5	1	15.3	2923	49	1	1	2	40.2
146	R2C 5081	126	23.5	0	13.8	3386	56	1	1	4	46.0
147	R2C 5342	125	22.5	1	15.4	3409	57	1	1.5	4.75	48.4
148	R2C 5674	131	24	0	14.5	3402	57	1	1	3.25	44.9
150	Armor X1410	132	28.5	1	14.5	3366	56	1	3	3.25	43.9
165	Schillinger 5220.RC	126	35	0.5	15.2	3443	57	1	1	5.75	43.6
166	GoSoy 5010LL	129	24.5	0	15.4	3193	53	1	1	3.75	47.4
167	GoSoy 5111 LL	129	22.5	0	14.4	2733	46	1	1	4.75	38.7
168	GoSoy 5312 LL	127	43.5	2.5	14.7	3215	54	1	1.5	3	43.1
169	GoSoy 5410 LL	131	38	0.5	14.2	3402	57	1	1	2.5	40.6
170	LELAND	128	24.5	1	15.3	3217	54	1	1	5	42.6
172	P55T57R	136	24	0	14.8	3218	54	1	1.75	3.5	41.7
179	Stine 51RD02 RY2 Brand	126	42.5	2.5	13.4	2948	49	1	1.5	1.5	39.1
180	Stine 5200-4 RY11	126	29.5	1	14.9	3578	60	2	3	2	43.0
181	REV 54R84	135	17.5	0	13.5	3489	58	1	1	3.25	37.9
LSD (P=.05)		20.03412	5.2	0.76	1.917562	558.9522	9.317558	0.85	0.902	1.519	11.423
Standard Deviation		10.01706	2.6	0.38	1.383593	403.305	6.722968	0.43	0.451	0.759	8.242124
CV		7.69	9.36	89.23	9.49	12.51	12.51	37.56	30.92	22.55	18.96

*Lodging from 0-9, with 9= prostrate.

**CB stands for Cercospora Blight, FE for Frog Eye Spot.

Maturity Group:	MG III and MG Early IV, MG Late IV, MG V
Location:	Dean Lee Research Station, Alexandria, LA
Irrigated (yes or no):	No
Irrigation Type:	N/A
Tillage System:	Conventional
Soil pH:	6.8
Organic Matter (%):	1.20%

Soil Texture:	Coushatta Silt Loam			
Row Spacing (inches):	38			
Row/Plot Length (feet):	27			
Planting Date:	4/30/2013			
Harvest Dates:	MG Late III/Early IV: 9/6/13; MG Late IV: 9/17/13; MG V: 9/27/13			
Seeding Rate (sd/A):	137k/A			
Fertilizer Applied 1:	200 lb/A, 0-18-36, Fall applied			
MG Late III/Early IV				
Foliar Insecticide 1:	Bracket 97 + Baythroid	Rate:	.75 lb/A	Date: 7/22/2013
Foliar Insecticide 2:	Leverage 360	Rate:	2.8 oz/A	Date: 8/8/2013
Fungicide application		Rate:		Date:
Pre Emerge Herb 1:		Rate:		Date:
Post Herb 1:	Section + COC	Rate:	16 oz + 1%	Date: 5/21/2013
Post Herb 2:	Flexstar + Induce	Rate:	16 oz + .25%	Date: 5/28/2013
Post Herb 3:	Ultra Blazer + Induce	Rate:	24 oz + .25%	Date: 6/17/2013
Post Herb 4:	Cobra + NIS	Rate:	12 oz + .25 %	Date: 8/27/2013
Harvest Aid	Gramoxone + Induce	Rate:	1 pt/A + .25%	Date: 8/29/2013
MG Late IV				
Foliar Insecticide 1:	Bracket 97 + Baythroid	Rate:	.75 lb/A	Date: 7/22/2013
Foliar Insecticide 2:	Leverage 360	Rate:	2.8 oz/A	Date: 8/8/2013
Fungicide application		Rate:		Date:
Pre Emerge Herb 1:		Rate:		Date:
Post Herb 1:	Section + COC	Rate:	16 oz + 1%	Date: 5/21/2013
Post Herb 2:	Flexstar + Induce	Rate:	16 oz + .25%	Date: 5/28/2013
Post Herb 3:	Ultra Blazer + Induce	Rate:	24 oz + .25%	Date: 6/17/2013
Post Herb 4:	Cobra + NIS	Rate:	12 oz + .25 %	Date: 8/27/2013
Harvest Aid	Gramoxone + Induce	Rate:	1 pt/A + .25%	Date: 9/6/2013
MG V				
Foliar Insecticide 1:	Bracket 97 + Baythroid	Rate:	.75 lb/A	Date: 7/22/2013
Foliar Insecticide 2:	Leverage 360	Rate:	2.8 oz/A	Date: 8/8/2013
Foliar Insecticide 3:	Bracket 97 + Baythroid	Rate:	75 lb + 2.7 oz/A	Date: 9/6/2013
Fungicide application		Rate:		Date:
Pre Emerge Herb 1:		Rate:		Date:
Post Herb 1:	Section + COC	Rate:	16 oz + 1%	Date: 5/21/2013
Post Herb 2:	Flexstar + Induce	Rate:	16 oz + .25%	Date: 5/28/2013
Post Herb 3:	Ultra Blazer + Induce	Rate:	24 oz + .25%	Date: 6/17/2013
Post Herb 4:	Cobra + NIS	Rate:	12 oz + .25 %	Date: 8/27/2013
Harvest Aid	Gramoxone + Induce	Rate:	1 pt/A + .25%	Date: 9/19/2013