

Table 1C. Performance of Matruity Group 3.0-4.4 at Iberia Station in 2016				
Entry No.	Variety	Maturity	Plant Height*	Moisture
21	S39-T3	113	12.1	12.3
23	S39-C4	119	12.6	13.5
24	P41T33R	124	12.9	12.8
32	CZ 3841 LL	116	14.1	12.3
36	CZ 4181 RY	119	13.3	11.7
37	CZ 3945 LL	121	12.3	12.3
38	CZ 4222 LL	122	11.9	12.3
65	AG 44X6	125	15.7	13.0
81	S42-P6	125	14.3	14.6
82	Mycogen 5N414R2	122	14.9	12.1
84	Mycogen 5N433R2	121	16.5	13.3
85	Mycogen 5N406R2	120	13.1	12.8
89	CZ 4105 LL	123	12.5	13.0
92	CZ 4044 LL	117	12.8	12.2
99	CZ 3991 RY	113	10.9	12.1
102	Mycogen 5N424R2	119	11.8	12.3
109	P 4211RY	126	13.0	12.3
111	P 4247LL	121	13.3	12.0
120	S43RY95	122	15.6	13.0
128	S42RY77	123	13.1	12.0
LSD (P=.05)		-	-	-
Standard Deviation		3.649	1.438	0.667
CV		3.026	10.781	5.305

*Height in inches

Table 2C. Performance of Matruity Group 4.5-4.7 at Iberia Station in 2016				
Entry No.	Variety	Maturity	Plant Height*	Moisture
5	DG4670GENRR2Y	122	32	12
10	DG4790GENRR2Y	122	34	13
12	DG4587 LL	120	31	12
18	REV 47R34	119	31	13
22	S47-K5	125	32	13
25	P47T36R	122	32	12
27	P47T89R	125	36	12
29	CZ 4540 LL	122	32	12
33	CZ 4656 RY	121	33	12
35	CZ 4748 LL	117	32	13
44	CZ 4590 RY	122	33	13
48	S12-3782	125	35	13
50	S12-3791	123	29	12
54	REV 48A26	124	37	13
67	AG 45X6	125	28	12

68	AG 46X6	125	32	12
70	Armor 47-R70	121	34	13
72	AG 46X7	120	33	13
74	AG 47X6	124	34	13
86	Mycogen 5N452R2	126	31	12
88	Armor 47-D17	124	37	13
93	ARX4706	124	31	13
97	S45W9	122	28	12
104	Armor 46-D08	122	33	13
106	P 4788RY	122	37	13
114	P 4757RY	122	35	12
116	P 4613RY	121	38	13
117	P 4588RY	116	33	12
129	Rev 45A46	121	30	12
132	S45XS66	123	35	12
133	GS47R216	121	33	13
140	GS45R216	121	35	12
143	Go Soy 4714GTS	120	34	12
147	S47RY13	122	36	12
150	R2C4775	121	36	12
151	P 4516RXS	124	34	13
152	P 4620RXS	124	34	12
153	P 4799RXS	121	35	12
LSD (P=.05)		-	-	-
Standard Deviation		2.141	2.364	0.366
CV		1.752	7.104	2.930

*Height in inches

Table 2C. Performance of Matruity Group 4.8-4.9 at Iberia Station in 2016				
Entry No.	Variety	Maturity	Plant Height*	Moisture
1	DG4880GLY	124	37	12
4	DG4825GENRR2Y	126	32	14
7	DG4967LL	125	38	13
8	DG4970GLY	127	38	13
9	DG4995GLY	120	29	13
16	REV 49R94	124	36	13
17	REV 49A75	122	42	12
39	CZ 4818 LL	119	38	12
40	CZ 4959 RY	125	34	12
42	CZ 4898 RY	119	37	13
45	S12-2418	128	33	12
51	Rev 48A76	126	32	12
52	Rev 48L63	126	42	12
53	Rev 49L49	125	36	12

71	Armor 49-D90	126	38	12
73	AG 48X7	118	39	12
75	AG 49X6	119	38	12
79	Armor 49-D66	118	35	12
80	ARX4906	123	35	12
83	Mycogen 5N490R2	126	36	12
90	HBKLL4953	126	37	14
95	DGX4845RR2	127	31	14
100	Rev 48A26	125	38	13
101	S49XT07	117	38	13
107	P 4900RY	125	34	12
110	P 4814LLS	124	38	14
115	P 4930LL	127	38	16
119	Armor 48-D24	127	32	13
121	S48RS53	125	40	13
126	Mycogen 5N480R2	123	35	12
127	S48XT56	127	32	12
130	Armor 48-D80	121	40	12
131	S49LL34	127	35	12
136	GS4915R2	121	38	12
141	Go Soy 49G16	118	34	12
142	GS48R216	127	32	12
144	Go Soy IREANE	127	23	14
145	Go Soy 4913LL	126	35	13
148	RX4825	127	29	13
149	RX4926	120	34	12
154	P 4816RX	128	33	14
155	P 4944RX	122	36	13
LSD (P=.05)		-	-	-
Standard Deviation		3.273	3.668	0.762
CV		2.642	10.380	5.997

*Height in inches

Table 3C. Performance of Matruity Group 5.0-5.3 at Iberia Station in 2016				
Entry No.	Variety	Maturity	Plant Height*	Moisture
3	DG5230GENRR2Y	126	24	16
6	DG5067LL	132	35	16
11	DG5170GENRR2Y	134	34	20
13	REV 51A56	134	32	22
31	CZ 5147 LL	125	20	15
34	CZ 5242 LL	133	34	18
43	CZ 5150 LL	133	34	18
46	S11-17025	126	25	14

47	S11-20124	125	31	15
49	S12-4718	128	23	15
57	UA 5213C	124	24	15
60	R09-430	134	24	16
61	UA 5014C	127	22	16
77	AG 53X6	125	23	16
91	CZ 5375 RY	134	24	18
94	Armor 53-D04	129	26	15
98	CZ 5225 LL	126	25	15
103	Mycogen 5N523R2	133	36	17
108	P 5289RY	134	34	19
113	P 5226RYS	133	37	17
122	S52LL66	129	36	17
123	S52RY77	126	27	15
135	Schillinger 5220.RC	132	28	21
137	Go Soy 5214GTS	126	33	16
138	Go Soy 5115LL	134	32	21
146	Go Soy LELAND	121	23	14
156	P 5016RXS	132	31	17
LSD (P=.05)		-	-	-
Standard Deviation		4.021	5.269	2.189
CV		3.106	18.397	13.106

*Height in inches

Table 3C. Performance of Matruity Group 5.4-6.6 at Iberia Station in 2016				
Entry No.	Variety	Maturity	Plant Height*	Moisture
2	DG5625GENRR2Y	130	29	11
14	REV 57R21	134	36	12
15	REV 56R63	132	32	12
19	REV 52A95	126	26	11
20	DG5461LL	130	32	12
26	P 54T94R	129	26	11
28	DG5580GENRR2Y	128	26	11
30	CZ 5515 LL	136	45	14
41	CZ 5445 LL	127	30	12
55	R10-197RY	127	28	11
56	UA 5612	131	30	12
58	OSAGE	128	23	12
59	R10-230	135	28	12
62	UA 5414RR	127	25	12
63	R07-6614RR	133	29	12
64	UA 5814HP	134	30	12
66	AG 55X7	132	25	11

69	Armor 55-R68	127	26	11
76	AG 54X6	133	39	11
78	ARX5506	129	38	12
87	AG 59X7	139	25	14
96	S55Q3	128	29	11
105	P 5555RY	130	35	12
112	P 5414LLS	128	31	12
118	P 5752RY	128	29	12
124	S57RY26	128	26	12
125	S56RY84	136	30	12
134	Go Soy 5515LL	129	28	11
139	Schillinger 557.RC	129	26	12
157	P 5417RX	129	28	11
158	P 5768RX	137	24	13
159	P 5631RX	130	38	12
160	P 5623LL	136	24	12
LSD (P=.05)		-	-	-
Standard Deviation		3.460	5.056	0.673
CV		2.646	17.155	5.736

*Height in inches

Maturity Group:	MG 3.0-4.4, MG 4.5-4.7, MG 4.8-4.9, MG 5.0-5.3, MG 5.4-6.9				
Location:	New Iberia Research Station				
Planting Dates:	5/24-5/25/2016				
Tillage:	Conventional				
Soil Texture:	Baldwin Silty Clay Loam				
Harvest Dates:	MG 3.0-4.4 - 10/10/2016; MG 4.5-4.7 and MG 4.8-4.9 - 10/14/2016; MG 5.0-5.3 and MG 5.4-6.9 - 11/2/2016				
MG 3.0-4.4					
Foliar Insecticide 1:	Bracket 97	Rate:	1 lb/A	Date:	8/10/2016
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date:	8/26/2016
Foliar Insecticide 3:	Intrepid	Rate:	6.4 oz/A	Date:	8/26/2016
Foliar Insecticide 4:	Karate w/zeon	Rate:	1.6 oz/A	Date:	8/26/2016
Fungicide application	Quadris Top SB	Rate:	8 oz/A	Date:	8/10/2016
Pre Emerge Herb 1:	Tapout	Rate:	1.5 pt/A	Date:	6/8/2016
Post Herb 1:	Flexstar	Rate:	9 oz/A	Date:	6/8/2016
Post Herb 2:	Blazer	Rate:	0.5 pt/A	Date:	7/1/2016
Post Herb 3:	Poast	Rate:	1 pt	Date:	7/1/2016
Post Herb 4:	Flexstar	Rate:	5 oz/A	Date:	8/23/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:	Gramoxone SL	Rate:	1.5 pt/A	Date:	9/30/2016
MG 4.5-4.7					
Foliar Insecticide 1:	Bracket 97	Rate:	1 lb/A	Date:	8/10/2016
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date:	8/26/2016

Foliar Insecticide 3:	Intrepid	Rate:	6.4 oz/A	Date:	8/26/2016
Foliar Insecticide 4:	Karate w/zeon	Rate:	1.6 oz/A	Date:	8/26/2016
Fungicide application	Quadris Top SB	Rate:	8 oz/A	Date:	8/10/2016
Pre Emerge Herb 1:	Tapout	Rate:	1.5 pt/A	Date:	6/8/2016
Post Herb 1:	Flexstar	Rate:	9 oz/A	Date:	6/8/2016
Post Herb 2:	Blazer	Rate:	0.5 pt/A	Date:	7/1/2016
Post Herb 3:	Poast	Rate:	1 pt	Date:	7/1/2016
Post Herb 4:	Flexstar	Rate:	5 oz/A	Date:	8/23/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:	Gramoxone SL	Rate:	1.5 pt/A	Date:	9/30/2016
MG 4.8-4.9					
Foliar Insecticide 1:	Bracket 97	Rate:	1 lb/A	Date:	8/10/2016
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date:	8/26/2016
Foliar Insecticide 3:	Intrepid	Rate:	6.4 oz/A	Date:	8/26/2016
Foliar Insecticide 4:	Karate w/zeon	Rate:	1.6 oz/A	Date:	8/26/2016
Fungicide application	Quadris Top SB	Rate:	8 oz/A	Date:	8/10/2016
Pre Emerge Herb 1:	Tapout	Rate:	1.5 pt/A	Date:	6/8/2016
Post Herb 1:	Flexstar	Rate:	9 oz/A	Date:	6/8/2016
Post Herb 2:	Blazer	Rate:	0.5 pt/A	Date:	7/1/2016
Post Herb 3:	Poast	Rate:	1 pt	Date:	7/1/2016
Post Herb 4:	Flexstar	Rate:	5 oz/A	Date:	8/23/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:	Gramoxone SL	Rate:	1.5 pt/A	Date:	9/30/2016
MG 50.-5.3					
Foliar Insecticide 1:	Bracket 97	Rate:	1 lb/A	Date:	8/10/2016
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date:	8/26/2016
Foliar Insecticide 3:	Intrepid	Rate:	6.4 oz/A	Date:	8/26/2016
Foliar Insecticide 4:	Karate w/zeon	Rate:	1.6 oz/A	Date:	8/26/2016
Fungicide application	Quadris Top SB	Rate:	8 oz/A	Date:	8/10/2016
Pre Emerge Herb 1:	Tapout	Rate:	1.5 pt/A	Date:	6/8/2016
Post Herb 1:	Flexstar	Rate:	9 oz/A	Date:	6/8/2016
Post Herb 2:	Blazer	Rate:	0.5 pt/A	Date:	7/1/2016
Post Herb 3:	Poast	Rate:	1 pt	Date:	7/1/2016
Post Herb 4:	Flexstar	Rate:	5 oz/A	Date:	8/23/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:	Gramoxone SL	Rate:	1.5 pt/A	Date:	10/11/2016
MG 5.4-6.9					
Foliar Insecticide 1:	Bracket 97	Rate:	1 lb/A	Date:	8/10/2016
Foliar Insecticide 2:	Bracket 97	Rate:	1 lb/A	Date:	8/26/2016
Foliar Insecticide 3:	Intrepid	Rate:	6.4 oz/A	Date:	8/26/2016
Foliar Insecticide 4:	Karate w/zeon	Rate:	1.6 oz/A	Date:	8/26/2016
Fungicide application	Quadris Top SB	Rate:	8 oz/A	Date:	8/10/2016
Pre Emerge Herb 1:	Tapout	Rate:	1.5 pt/A	Date:	6/8/2016
Post Herb 1:	Flexstar	Rate:	9 oz/A	Date:	6/8/2016
Post Herb 2:	Blazer	Rate:	0.5 pt/A	Date:	7/1/2016
Post Herb 3:	Poast	Rate:	1 pt	Date:	7/1/2016
Post Herb 4:	Flexstar	Rate:	5 oz/A	Date:	8/23/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:	Gramoxone SL	Rate:	1.5 pt/A	Date:	10/11/2016

Comments: