

Table 1C. Performance of Matruity Group 3.0-4.4 at Rice Station in 2016							
Entry No.	Variety	Maturity	Plant Height*	Lodging*	Moisture	Yield (lb/A)	Yield (bu/A)
21	S39-T3	120	27	0	16	48	21
23	S39-C4	117	25	0	15	47	26
24	P41T33R	123	28	0	15	47	32
32	CZ 3841 LL	120	26	1	15	47	24
36	CZ 4181 RY	123	31	0	14	48	34
37	CZ 3945 LL	123	25	0	14	48	24
38	CZ 4222 LL	118	26	0	14	48	32
65	AG 44X6	124	28	1	17	46	34
81	S42-P6	123	28	0	13	48	32
82	Mycogen 5N414R2	122	31	0	12	49	34
84	Mycogen 5N433R2	124	31	2	19	46	24
85	Mycogen 5N406R2	123	26	0	14	48	20
89	CZ 4105 LL	122	24	0	17	46	20
92	CZ 4044 LL	120	24	0	14	47	26
99	CZ 3991 RY	120	25	0	13	48	24
102	Mycogen 5N424R2	121	22	0	13	48	26
109	P 4211RY	124	25	0	19	46	23
111	P 4247LL	122	30	0	15	47	32
120	S43RY95	124	32	2	15	47	32
128	S42RY77	124	27	0	13	48	25
LSD (P=.05)		3.5	2.36	0.46	4.130	1.52	8.47
Standard Deviation		2.400	1.670	0.320	2.920	1.070	5.980
CV		2.000	6.220	129.780	19.770	2.270	21.990

*Height in inches

*Lodging from 0-9, with 0= straight

Table 2C. Performance of Matruity Group 4.5-4.7 at Rice Station in 2016							
Entry No.	Variety	Maturity	Plant Height*	Lodging*	Moisture	Yield (lb/A)	Yield (bu/A)
5	DG4670GENRR2Y	130	30	0	14	54	30
10	DG4790GENRR2Y	130	32	0	13	54	32
12	DG4587 LL	128	30	0	13	54	38
18	REV 47R34	131	30	1	13	54	39
22	S47-K5	130	28	0	16	53	24
25	P47T36R	130	30	0	14	54	29
27	P47T89R	131	31	0	15	53	34
29	CZ 4540 LL	131	32	1	15	53	34
33	CZ 4656 RY	128	31	3	14	54	39
35	CZ 4748 LL	131	32	0	14	54	37
44	CZ 4590 RY	129	30	0	13	54	33
48	S12-3782	130	32	0	15	53	24
50	S12-3791	126	27	0	13	54	28
54	REV 48A26	130	28	2	13	54	32
67	AG 45X6	131	29	0	15	53	31
68	AG 46X6	130	30	0	13	54	40
70	Armor 47-R70	129	31	0	14	54	36
72	AG 46X7	131	30	0	15	53	32
74	AG 47X6	130	32	0	14	54	28
86	Mycogen 5N452R2	129	29	1	14	54	31
88	Armor 47-D17	131	32	1	14	54	33
93	ARX4706	128	32	0	14	54	32
97	S45W9	129	23	0	15	53	31

104	Armor 46-D08	131	30	0	14	54	39
106	P 4788RY	129	32	0	14	54	34
114	P 4757RY	129	32	0	14	54	33
116	P 4613RY	129	30	0	14	54	30
117	P 4588RY	129	27	0	14	54	23
129	Rev 45A46	130	30	0	13	54	38
132	S45XS66	130	32	0	15	53	32
133	GS47R216	129	31	0	13	54	36
140	GS45R216	131	31	0	14	54	28
143	Go Soy 4714GTS	129	33	0	14	54	27
147	S47RY13	130	32	0	13	54	34
150	R2C4775	130	32	0	14	54	36
151	P 4516RXS	130	31	0	14	54	34
152	P 4620RXS	131	29	0	14	54	37
153	P 4799RXS	130	31	0	13	54	36
LSD (P=.05)		2.200	1.99	0.64	1.300	0.730	5.940
Standard Deviation		1.600	1.420	0.460	0.930	0.520	4.240
CV		1.230	4.690	223.6	6.670	0.970	12.97

*Height in inches

*Lodging from 0-9, with 0= straight

Table 2C. Performance of Matruity Group 4.8-4.9 at Rice Station in 2016							
Entry No.	Variety	Maturity	Plant Height*	Lodging*	Moisture	Yield (lb/A)	Yield (bu/A)
1	DG4880GLY	139	30	1	12	52	40
4	DG4825GENRR2Y	139	25	0	11	53	35
7	DG4967LL	142	34	1	13	52	37
8	DG4970GLY	138	33	4	12	52	32
9	DG4995GLY	131	22	0	12	52	30
16	REV 49R94	142	29	1	12	52	30
17	REV 49A75	140	32	0	12	53	33
39	CZ 4818 LL	135	33	3	12	52	34
40	CZ 4959 RY	139	29	0	12	52	37
42	CZ 4898 RY	136	32	2	12	52	38
45	S12-2418	139	29	0	13	52	26
51	Rev 48A76	139	29	0	12	52	38
52	Rev 48L63	79	33	0	13	52	32
53	Rev 49L49	137	31	0	12	52	35
71	Armor 49-D90	138	29	0	11	53	41
73	AG 48X7	135	31	0	11	53	41
75	AG 49X6	135	30	0	12	53	38
79	Armor 49-D66	131	30	0	12	53	35
80	ARX4906	135	33	1	12	52	34
83	Mycogen 5N490R2	140	29	0	12	52	24
90	HBKLL4953	140	32	0	13	52	33
95	DGX4845RR2	140	26	0	12	52	33
100	Rev 48A26	139	26	2	11	53	33
101	S49XT07	137	29	0	11	53	33
107	P 4900RY	141	26	0	14	51	29
110	P 4814LLS	140	35	1	14	51	28
115	P 4930LL	142	32	0	13	52	34
119	Armor 48-D24	141	25	0	13	52	31
121	S48RS53	138	30	0	12	52	36
126	Mycogen 5N480R2	139	31	0	12	52	37

127	S48XT56	142	26	0	13	52	26
130	Armor 48-D80	135	32	0	11	53	41
131	S49LL34	140	32	0	13	52	34
136	GS4915R2	138	31	0	12	52	38
141	Go Soy 49G16	137	25	0	12	53	37
142	GS48R216	140	27	0	12	52	37
144	Go Soy IREANE	140	17	0	12	53	32
145	Go Soy 4913LL	140	31	0	12	52	35
148	RX4825	142	26	0	13	52	32
149	RX4926	138	30	0	12	53	35
154	P 4816RX	142	26	0	15	51	28
155	P 4944RX	133	30	0	11	53	34
LSD (P=.05)		26.100	2.000	0.960	1.420	0.900	5.960
Standard Deviation		18.700	1.400	0.690	1.020	0.640	4.260
CV		13.640	4.830	169.900	8.320	1.230	12.690

*Height in inches

*Lodging from 0-9, with 0= straight

Table 3C. Performance of Matruity Group 5.0-5.3 at Rice Station in 2016							
Entry No.	Variety	Maturity	Plant Height*	Lodging*	Moisture	Yield (lb/A)	Yield (bu/A)
3	DG5230GENRR2Y	131	19	0	11	53	44
6	DG5067LL	142	34	2	11	53	42
11	DG5170GENRR2Y	142	31	1	11	53	39
13	REV 51A56	141	28	0	13	52	28
31	CZ 5147 LL	133	16	0	11	53	34
34	CZ 5242 LL	141	35	2	11	53	39
43	CZ 5150 LL	142	32	0	12	52	37
46	S11-17025	136	17	0	10	54	34
47	S11-20124	138	25	1	11	53	48
49	S12-4718	139	17	0	11	53	41
57	UA 5213C	132	16	0	11	53	33
60	R09-430	136	17	0	10	54	35
61	UA 5014C	139	17	0	11	53	30
77	AG 53X6	135	16	0	11	53	32
91	CZ 5375 RY	139	18	0	11	53	42
94	Armor 53-D04	138	18	0	11	53	30
98	CZ 5225 LL	136	17	0	11	53	45
103	Mycogen 5N523R2	142	31	0	11	53	28
108	P 5289RY	142	37	2	12	52	30
113	P 5226RYS	142	32	0	11	53	30
122	S52LL66	142	33	1	12	52	32
123	S52RY77	130	19	0	11	53	38
135	Schillinger 5220.RC	140	27	0	12	53	30
137	Go Soy 5214GTS	136	26	1	11	53	35
138	Go Soy 5115LL	142	32	0	11	53	35
146	Go Soy LELAND	133	19	0	10	54	36
156	P 5016RXS	141	29	0	11	53	35
LSD (P=.05)		3.750	1.860	0.540	1.000	0.780	6.700
Standard Deviation		2.660	1.320	0.390	0.710	0.560	4.760
CV		1.930	5.420	115.650	6.510	1.060	13.530

*Height in inches

*Lodging from 0-9, with 0= straight

Table 3C. Performance of Matruity Group 5.4-6.6 at Rice Station in 2016							
Entry No.	Variety	Maturity	Plant Height*	Lodging*	Moisture	Yield (lb/A)	Yield (bu/A)
2	DG5625GENRR2Y	144	21	0	13	52	47
14	REV 57R21	145	27	0	13	52	41
15	REV 56R63	143	24	0	13	52	51
19	REV 52A95	139	19	0	13	52	39
20	DG5461LL	143	32	0	13	52	38
26	P 54T94R	138	18	0	12	53	39
28	DG5580GENRR2Y	142	20	0	12	53	43
30	CZ 5515 LL	148	42	4	19	50	26
41	CZ 5445 LL	140	20	0	15	51	47
55	R10-197RY	140	19	0	12	52	41
56	UA 5612	145	22	0	13	52	39
58	OSAGE	142	17	0	13	52	40
59	R10-230	146	21	0	12	52	42
62	UA 5414RR	136	19	0	12	53	43
63	R07-6614RR	146	21	0	12	53	39
64	UA 5814HP	146	22	0	13	52	40
66	AG 55X7	146	17	0	13	52	30
69	Armor 55-R68	143	22	0	12	53	47
76	AG 54X6	147	37	0	14	52	35
78	ARX5506	141	36	0	13	52	33
87	AG 59X7	146	16	0	11	53	41
96	S55Q3	144	21	0	12	53	45
105	P 5555RY	147	22	0	13	52	43
112	P 5414LLS	147	21	0	13	52	42
118	P 5752RY	140	19	0	12	53	38
124	S57RY26	141	19	0	12	52	35
125	S56RY84	147	23	0	13	52	43
134	Go Soy 5515LL	147	22	0	12	52	41
139	Schillinger 557.RC	144	18	0	13	52	37
157	P 5417RX	144	21	0	12	52	31
158	P 5768RX	141	14	0	12	53	32
159	P 5631RX	145	36	0	13	52	38
160	P 5623LL	143	20	0	12	53	52
LSD (P=.05)		2.980	1.700	0.140	1.540	0.640	5.470
Standard Deviation		2.120	1.210	0.100	1.100	0.460	3.890
CV		1.480	5.400	94.760	8.660	0.880	9.770

*Height in inches

*Lodging from 0-9, with 0= straight

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:	Rice Research Station
Planting Dates:	5/7/2016
Tillage:	Conventional
Soil Type	Crowley Silt Loam

Harvest Dates:	MG 3.0-4.4 9/26/2016, MG 4.5-4.7 9/29/2016				
MG 3.0-4.4					
Foliar Insecticide 1:		Rate:		Date:	
Foliar Insecticide 2:		Rate:		Date:	
Fungicide application		Rate:		Date:	
Pre Emerge Herb 1:		Rate:		Date:	
Post Herb 1:	Dual Magnum	Rate:	1.33 pt/A	Date:	5/13/2016
Post Herb 2:	Poast Plus+ Dual Magnum	Rate:	2.25 pt/A + 1.33 pt/A	Date:	5/31/2016
Post Herb 3:	Basagran + COC	Rate:	2.4 pt/A + 1%	Date:	6/17/2016
Post Herb 4:	Poast Plus+ COC	Rate:	2.25 pt/A + 1%	Date:	8/25/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:	Gramazone + NIS	Rate:	1 pt + .0025%	Date:	9/9/2016
MG 4.5-4.7					
Foliar Insecticide 1:		Rate:		Date:	
Foliar Insecticide 2:		Rate:		Date:	
Fungicide application		Rate:		Date:	
Pre Emerge Herb 1:		Rate:		Date:	
Post Herb 1:	Dual Magnum	Rate:	1.33 pt/A	Date:	5/13/2016
Post Herb 2:	Poast Plus+ Dual Magnum	Rate:	2.25 pt/A + 1.33 pt/A	Date:	5/31/2016
Post Herb 3:	Basagran + COC	Rate:	2.4 pt/A + 1%	Date:	6/17/2016
Post Herb 4:	Poast Plus+ COC	Rate:	2.25 pt/A + 1%	Date:	8/25/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:	Gramazone + NIS	Rate:	1 pt + .0025%	Date:	9/16/2016
MG 4.8-4.9					
Foliar Insecticide 1:		Rate:		Date:	
Foliar Insecticide 2:		Rate:		Date:	
Fungicide application		Rate:		Date:	
Pre Emerge Herb 1:		Rate:		Date:	
Post Herb 1:	Dual Magnum	Rate:	1.33 pt/A	Date:	5/13/2016
Post Herb 2:	Poast Plus+ Dual Magnum	Rate:	2.25 pt/A + 1.33 pt/A	Date:	5/31/2016
Post Herb 3:	Basagran + COC	Rate:	2.4 pt/A + 1%	Date:	6/17/2016
Post Herb 4:	Poast Plus+ COC	Rate:	2.25 pt/A + 1%	Date:	8/25/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:		Rate:		Date:	

MG 50.-5.3					
Foliar Insecticide 1:		Rate:		Date:	
Foliar Insecticide 2:		Rate:		Date:	
Fungicide application		Rate:		Date:	
Pre Emerge Herb 1:		Rate:		Date:	
Post Herb 1:	Dual Magnum	Rate:	1.33 pt/A	Date:	5/13/2016
Post Herb 2:	Poast Plus+ Dual Magnum	Rate:	2.25 pt/A + 1.33 pt/A	Date:	5/31/2016
Post Herb 3:	Basagran + COC	Rate:	2.4 pt/A + 1%	Date:	6/17/2016
Post Herb 4:	Poast Plus+ COC	Rate:	2.25 pt/A + 1%	Date:	8/25/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:		Rate:		Date:	
MG 5.4-6.9					
Foliar Insecticide 1:		Rate:		Date:	
Foliar Insecticide 2:		Rate:		Date:	
Fungicide application		Rate:		Date:	
Pre Emerge Herb 1:		Rate:		Date:	
Post Herb 1:	Dual Magnum	Rate:	1.33 pt/A	Date:	5/13/2016
Post Herb 2:	Poast Plus+ Dual Magnum	Rate:	2.25 pt/A + 1.33 pt/A	Date:	5/31/2016
Post Herb 3:	Basagran + COC	Rate:	2.4 pt/A + 1%	Date:	6/17/2016
Post Herb 4:	Poast Plus+ COC	Rate:	2.25 pt/A + 1%	Date:	8/25/2016
Post Herb 5:		Rate:		Date:	
Harvest Aid:		Rate:		Date:	

Comments: